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1980

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VITAL STATISTICS REPORT FOR THE STATE OF NEW HAMPSHIRE, 1980

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
DEMOGRAPHY	5
NATALITY	11
GENERAL MORTALITY	19
Infant, Neonatal & Fetal Mortality	27
MARRIAGE AND DIVORCE	29
APPENDIX	33
Definitions	33
Rate Computation Formulas	34

REQUESTS FOR DATA

In addition to the figures and tables appearing in this report, the Bureau has additional information available upon written request and will make every effort to comply with requests for data within its limitations of staff and resources.

Please direct all requests for data to:

Bureau of Vital Records and Health Statistics
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LIST OF TABLES

Number and Title	Page
1. Vital Events Summary, New Hampshire, 1980	3
2. Ten Year Summary: Vital Events, Numbers and Rates, N.H., 1971-1980	4
3. Population Change in New Hampshire, 1950-1980	5
4. Number & Percent Distribution, Population of Northern and Southern Counties of New Hampshire, 1950-1980	5
5. Population, Percent Change and Density, By County, N.H., 1950-1980	6
6. Population, Births, Deaths & Marriages By County/Town and Divorces By County, New Hampshire, 1980	7
7. Number of Resident Births & Number Per 1,000 Births According to Age of Mother, New Hampshire, 1976-1980	11
8. Resident First-Born Births By Age of Mother, N.H., 1976-1980	12
9. Resident Low-Birth-Weight Rates By County, N.H., 1976-1980	12
10. Number & Percent Distribution of Out-of-Wedlock Resident Births By Age of Mother, New Hampshire, 1976-1980	13
11. Number & Percent, Resident Home Births and Hospital Births, New Hampshire, 1975-1980	13
12. Resident Live Births According to Selected Characteristics By County & Town of Mother's Residence, N.H., 1980	14
13. Resident Live Births According to County of Mother's Residence, By Hospital, New Hampshire, 1980	18
14. Occurrences of Live Births & Fetal, Neonatal & Infant Deaths By Hospital, New Hampshire, 1980	18
15. Resident Death Rates for the Ten Leading Causes of Death and Percent Change, New Hampshire, 1979-1980	20
16. Leading Cause of Resident Death in Age Group by Sex, N.H., 1980	20
17. Resident Death Rates for Diseases of the Heart by County, New Hampshire, 1976-1980	21
18. Resident Death Rates for Cancer, by County, New Hampshire, 1976-1980	22
19. Resident Deaths due to Cancer According to Selected Sites of Malignancy, By Sex, New Hampshire, 1980	22
20. Type of Resident Accidental Deaths By Sex, New Hampshire, 1980	23
21. Number of Resident Deaths for 25 Selected Causes of Death with ICD9 Code No.by County & Selected Urban Locations, N.H., 1980	24
22. Resident Fetal, Early Neonatal, Perinatal and Infant Death Rates, By County, New Hampshire, 1980	27
23. Number of Resident Infant Deaths By Sex and Number According to Age, By County, New Hampshire, 1980	28
24. Causes of Resident Infant Deaths By Sex According to Age, N.H.,1980	28
25. Age of Bride By Age of Groom, Marriage Occurrences, N.H., 1980	30
26. Education of Bride By Education of Groom, Marriage Occurrences, N.H.'80	30
27. Number of Marriage For Bride By Number of Marriage For Groom, Marriage Occurrences, New Hampshire, 1980	31
28. Award of Custody of Minor Children in Uncontested and Contested Cases of Custody, Divorce Occurrences, New Hampshire, 1979-1980	31
29. Number of Divorces and Number Involving Minor Children With Number of Minors, By County, New Hampshire, 1980	32
30. Cumulative Frequency & Percent, Years of Duration of Marriages Ending in Divorce, New Hampshire, 1980	32

INTRODUCTION

This report is a statistical summary of vital events in New Hampshire for the calendar year of 1980. Data concerning births, deaths, marriages and divorces are presented. Interpretations of these data should take the following information into account.

Under-Registration of Events: While under-registration can occur, it can be considered a minimal problem in New Hampshire. The number of reports of events received too late for inclusion in annual summary statistics is not statistically significant when state-wide patterns are examined.

Geographic Allocation of Events: Geographic allocation is based on the reported residence or on the reported place of occurrence of an event. Every effort is made to be as accurate and as complete as possible in allocating an event. For births, infant deaths and fetal deaths, residence denotes the mother's usual residence. For deaths, the decedent's usual residence is used. For marriage and divorce, the data refer to New Hampshire occurrences only since there is no exchange of information for these events among states.

Comparability in Cause-of-Death Statistics: Two major factors affect the interpretation and comparability of cause-of-death statistics over time. They are changes in the scheme for classifying the causes and changes in diagnostic practices.

The classification scheme, the International Classification of Diseases (ICD), is modified approximately once every ten years to reflect changes in medical opinion and practices. The most recent revision, the ninth, was issued in 1978. Cause of death statistics in this 1980 report reflect the use of this ninth revision of the ICD.

To compare mortality statistics from one revision of the ICD to the next it is necessary to use "comparability ratios". Comparability ratios provide a measure of how much discontinuity exists in the mortality data resulting from the introduction of a new revision for the ICD. Such ratios are developed by comparing the number of deaths assigned to a cause, or group of causes in the previous revision to the number assigned in the next revision.

Principal (Underlying) Cause of Death Data: Cause of death data have been classified using the automated system known as ACME (Automated Classification of Medical Entities). The system provides for computer assignment of the principal cause of death in accordance with decision rules specified in a computer program. The rules are the same as those applied by nosologists in assigning principal causes of death.

Nosologist application of the rules may sometimes contain error. ACME is said to eliminate this avenue of error since the exact same criteria are applied in every case in the machine process.

Interpreting Rates: A number of points should be kept in mind when examining rates.

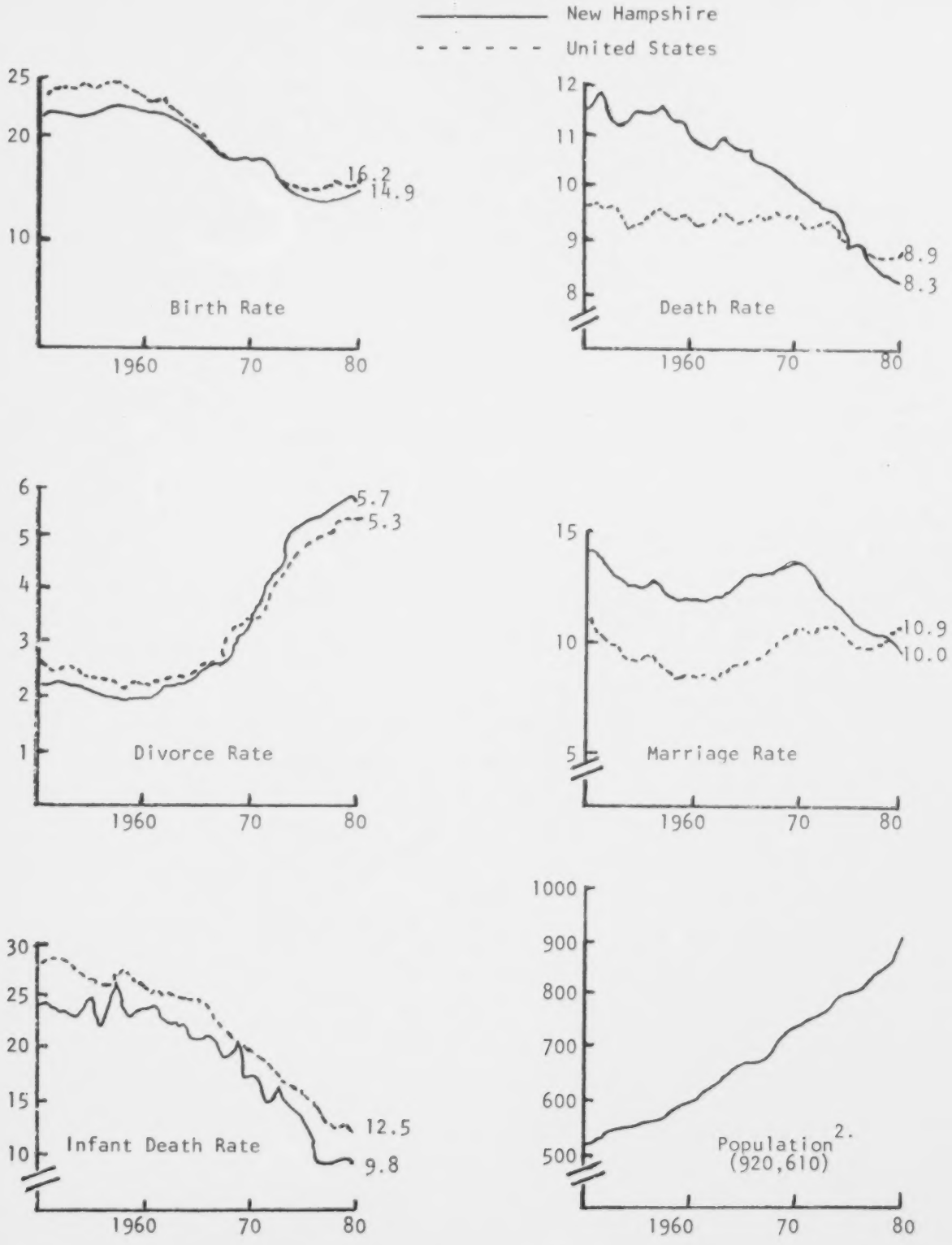
Rates based on small numbers of events usually exhibit considerable variation. Such variation substantially limits the usefulness of rates as estimators of the probability of the occurrence of an event and their utility in making comparisons.

Unadjusted rates are not reliable for drawing definitive conclusions when comparing different areas since they do not take into account various factors which may influence the rate such as age, sex and occupation. For example, one should not assume that a rate difference between two areas for cardiovascular disease is significant where no adjustment for the age distributions in these areas has been made, since cardiovascular mortality rises with advancing age.

Where a rate difference appears to be significant, extreme care should be exercised in attributing the difference to any particular factor or set of factors. There are many variables which can influence rates and establishing a valid interpretation of the reason(s) for a rate difference requires substantial data and exacting analysis.

NOTE: All 1980 U.S. rates appearing in this report are provisional.

TRENDS, NEW HAMPSHIRE AND THE U. S., 1960-1980[1.]



1. Birth, Death, Divorce, Marriage Rates: per 1,000 population
   Infant Death Rate: per 1,000 live births.
2. Population in thousands

- SUMMARY STATISTICS -

1980

TABLE 1 VITAL EVENTS SUMMARY, NEW HAMPSHIRE, 1980

EVENT	RESIDENT NUMBER[1]	RESIDENT RATE	OCCURRENCE NUMBER[2]	OCCURRENCE RATE
Births	13,715	14.9 per 1,000 population[3]	13,720	14.9 per 1000 pop.
Deaths	7,594	8.2 per 1,000 population	7,515	8.2 per 1000 pop.
Infant Deaths	135	9.8 per 1,000 live births	115	8.4 per 1000 live births
Fetal Deaths	66	4.8 per 1000 live bths.& Fetal dths.	82	6.0 per 1000 live bths.& fetal deaths
Marriages	---	---	9,251	10.0 per 1000 pop.
Divorces[4]	---	---	5,254	5.7 per 1000 pop.
Resident natural increase: Births, 13,715 minus Deaths, 7,604 = 6,111 Resident rate of natural increase: 6.6 per 1,000 population				

1. Residence for Births, Infant Deaths and Fetal Deaths is mother's usual residence.
2. Marriage and Divorce information are not exchanged among states. Figures are given for occurrences in New Hampshire only.
3. U.S.Department of Commerce, Bureau of the Census final 1980 state population: 920,610.
4. Divorces include legal separations and annulments.

A Note on the 1980 Census and 1980 Birth, Death, Marriage and Divorce Rates

Between census count years, birth, death, marriage and divorce rates are based on population numbers derived from estimates. Census counts provide a more exact population figure to use in the calculation of the rates and in effect, "correct" the rates. The impact of the "correction" is increased when the census "error of closure" (difference related to the census year count and previous year estimate) is much greater than normal, as was the case for the 1980 census. Therefore, some of the change between the 1979 and 1980 birth, death, marriage and divorce rates is linked to the census high "error of closure".

To obtain some idea of the impact of the census "correction", we can compare the vital events rates based on the 1980 census count with rates which might have been calculated using an estimated figure for 1980 population.

To illustrate, let us use a population estimate derived from applying the average annual percentage increase in population for the years 1970 to 1979. This produces an estimate of 903,924 in 1980 compared with the census count of 920,610. Using this estimate to calculate the 1980 vital events rates, we find that the birth, marriage and divorce rates change in the same direction as the census based rates but the amount of change since 1979 is not the same. Specifically, when the estimate is used the birth rate percentage increase is higher than that based on the census and percentage declines in the marriage and divorce rates are less. The death rate does not change at all from 1979 to 1980 using the estimate but based on the census figure, it shows a decline of 2.4 percent.

The effect of the 1980 census on the birth, death, marriage and divorce rates should be considered before drawing definitive conclusions based on the changes in these rates from 1979 to 1980.

TEN YEAR SUMMARY, 1971-1980

In 1971, the birth rate was 17.6 per 1,000 population. It declined from that level to 13.6 in 1976. In the following year there was an upturn to 14.2 and since then, the rate has been increasing gradually. For 1980 it was 14.9.

The death rate decreased steadily from 1971 to 1980, continuing a general long-term descent. 1980's rate of 8.2 per 1,000 population set a record low for the state.

Infant death, neonatal death and fetal death rates all generally declined from 1971 to 1980. Since 1971 the infant death rate decreased 42.4 percent and the neonatal death rate fell 44.0 percent. The 1980 fetal death rate of 4.8 is the lowest ever recorded in New Hampshire.

The marriage rate was 13.2 per 1,000 population in 1971. Decreasing steadily through 1976, it took a slight turn upward in 1977 to 10.5. Remaining at 10.5 in 1978, it declined in 1979 and then fell further to 10.0 in 1980.

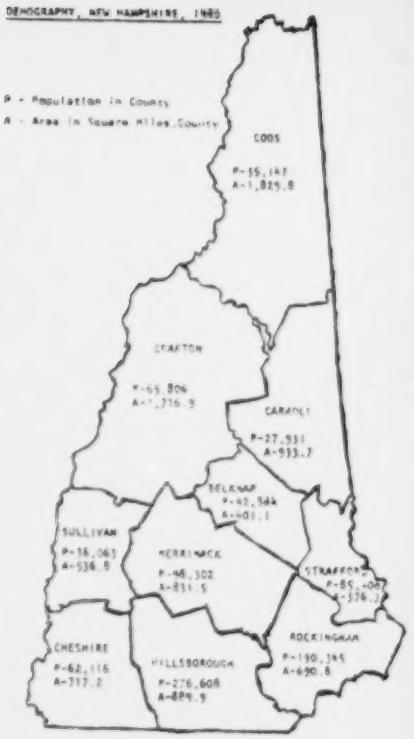
1980 saw the first decline in the divorce rate for the ten year period. In 1971 it was 4.0 per 1,000 population and had increased almost steadily each year until it reached 5.9 in 1979. The 1980 rate of 5.7 is 3.4 percent less than last year's rate. See Table 2 below.

TABLE 2 TEN YEAR SUMMARY: VITAL EVENTS[1], NUMBERS AND RATES,[2] NEW HAMPSHIRE, 1971-1980

YEAR	Mid-Year Population[3]	Live Births		Deaths (except fetal)		Infant Deaths		Neonatal Deaths		Fetal Deaths		Maternal Deaths		Out-of-Wedlock Births		Marriages		Divorces	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1971	758,000	13,302	17.6	7,449	10.1	226	17.0	175	13.2	121	9.1	3	2.2	761	57.2	9,771	13.2	2,973	4.0
1972	774,000	12,133	15.7	7,502	9.7	178	14.7	123	10.1	105	8.6	1	0.8	829	68.3	9,752	12.6	3,229	4.2
1973	794,100	11,545	14.6	7,527	9.5	190	16.5	146	12.6	76	6.6	0	0.0	765	66.3	9,570	12.1	3,911	4.9
1974	807,800	11,613	14.4	7,708	9.5	163	14.0	121	10.4	89	7.6	1	0.9	804	69.2	9,239	11.4	4,088	5.1
1975	812,000	11,101	13.6	7,206	8.8	150	13.5	114	10.6	80	7.2	0	0.0	920	82.9	8,831	10.8	4,263	5.2
1976	822,000	11,186	13.6	7,375	9.0	128	11.4	101	9.0	79	7.0	1	0.9	946	84.6	8,550	10 4	4,322	5.3
1977	849,000	12,074	14.2	7,214	8.5	114	9.4	90	7.5	72	5.9	2	1.7	1,035	85.7	8,902	10.5	4,458	5.3
1978	871,100	12,386	14.2	7,304	8.4	124	10.0	95	7.7	68	5.5	0	0.0	1,193	96.3	9,121	10.5	4,766	5.5
1979	886,200	12,829	14.5	7,418	8.4	132	10.3	97	7.6	103	8.0	1	0.7	1,298	101.2	9,107	10.3	5,269	5.9
1980	920,610	13,715	14.9	7,594	8.2	135	9.8	102	7.4	66	4.8	0	0.0	1,498	109.2	9,251	10.0	5,254	5.7

1. Live Births, Deaths, Infant Deaths, Neonatal Deaths, Fetal Deaths and Maternal Deaths are by residence. Marriages and divorces are by occurrence.
2. Birth, Death, Marriage and Divorce rates: per 1,000 population. Infant death, Neonatal death, Fetal death and Out-of-wedlock birth rates: per 1,000 live births. Maternal death rate: per 10,000 live births. Fetal death rate: per 1,000 live births plus fetal deaths.
3. Estimated for 1971-1979. U.S.Census final state population for 1980.

- DEMOGRAPHY -



The U.S.Bureau of the Census final 1980 population count for New Hampshire was 920,610. This figure reflected additional population of 34,410 compared with the mid-year 1979 state estimate, for a percentage difference of 3.9. Between the 1970 and 1980 census counts, state population increased by 24.8 percent. New Hampshire had grown more than any other New England state and had grown more than twice the average national percentage of 11.4 since 1970.

Prior to the sixties, population growth was almost entirely due to natural increase (the excess of births over deaths). From 1950 to 1959 for instance, natural increase accounted for 97.5 percent of the change in population. In the sixties, in-migration became responsible for almost as much growth as natural increase and by the end of the seventies it accounted for the major share of growth, 67.9 percent. Between 1979 and 1980, only 17.8 percent of the additional population of 34,410 can be attributed to natural increase; 82.2 percent is assigned to in-migration. See Table 3 below.

TABLE 3 - POPULATION CHANGE IN NEW HAMPSHIRE 1950-1980

TIME PERIOD	AMOUNT OF POPULATION CHANGE	COMPONENTS, NATURAL INCREASE		AMOUNT OF NATURAL INCREASE	% CHANGE ASSIGNED TO:	
		NO.BIRTHS	NO.DEATHS		NATURAL INCREASE	IN-MIGRATION
1950-1959	+ 62,758	124,652	63,484	61,168	97.5%	2.5%
1960-1969	+117,079	132,151	70,914	61,237	52.3%	47.7%
1970-1979	+148,519	121,674	74,043	47,631	32.1%	67.9%
1979-1980	+ 34,410	13,715	7,604	6,111	17.8%	82.2%

The 1980 census count indicated that in general, concentration of population growth in the southern half of the state had continued since the 1970 census. During the thirty year period of 1950 to 1980, the share of total state population in northern New Hampshire (the rural counties of Carroll, Coos and Grafton) declined while the southern half's share increased. For example, between 1950 and 1960, the percentage of state population in northern New Hampshire (with half the state's land mass) decreased from 18.7 to 16.8 while the southern half's percentage increased from 81.3 to 83.2. However, between 1970 and 1980, the amount of decline in total population share for the north and the amount of increase for the south were not as pronounced as in previous ten year periods. See Table 4 below.

TABLE 4 - NUMBER AND PERCENT DISTRIBUTION, POPULATION OF NORTHERN[1.] and SOUTHERN[2.] COUNTIES OF NEW HAMPSHIRE, 1950-1980

COUNTIES	Land Area Sq.Mi.	POPULATION[3.] 1950		1960		1970		1980	
		Pop	%	Pop	%	Pop	%	Pop	%
In Northern Half	4480.0	99,723	18.7	101,826	16.8	107,753	14.6	128,884	14.0
In Southern Half	4544.2	433,519	81.3	505,095	83.2	629,928	85.4	791,726	86.0
STATE:	9024.2	533,242	100%	606,921	100%	737,681	100%	920,610	100%

1. Northern half counties: Carroll, Coos, Grafton. 2. Southern half counties: Belknap, Cheshire, Hillsborough, Rockingham, Strafford, Sullivan & Merrimack. 3. U.S. Dept. of Commerce, Bureau of the Census.

With a population increase of 24.8 percent from 1970 to 1980, New Hampshire not only exceeded national average growth for this time period, it also surpassed its own 1960 to 1970 growth percentage of 21.5. However, the difference between 21.5 and 24.8 percent is not as great as the difference between the growth percentages of 13.8 for the decade of the fifties and 21.5 for the sixties. See Table 5 below.

On the county level the census counts in 1950, 1960 and 1970 had shown the three county population leaders in sheer numbers to be Hillsborough, Rockingham and Merrimack, in that order. These three counties maintained those positions in the 1980 count and together accounted for 61.4 percent of New Hampshire's total 1980 population.

In terms of general population change in counties over the years 1950 to 1980, the growth of southeastern Rockingham county has been prodigious.* For the decades of the fifties and sixties, its percentage increases in population were substantially higher than those of all other growing counties. For 1970 to 1980 however, it did not maintain first position in growth percentage but slipped to second place. A northern county, Carroll, led the way with a 50.6 percent increase for this ten year period. Additionally, it can be observed that while Rockingham's growth rate has been very high in each ten year interval between 1950 and 1980, the percentage of population increase has declined from interval to interval. In contrast, other counties with lesser levels of growth have had increasingly higher percentage increases in population for the ten year intervals. Grafton county in the north and the south-central counties of Belknap and Merrimack are examples of such counties. See Table 5 below.

On the whole, while New Hampshire has grown substantially since 1950, the increase in its growth rate from the sixties to the seventies was not as pronounced as from the fifties to the sixties and it appears that for the decade of the eighties, New Hampshire's population growth rate may be lower than that of the seventies.

TABLE 5 - POPULATION,[1] PERCENT CHANGE & DENSITY[2] BY COUNTY, NEW HAMPSHIRE, 1950-1980

COUNTY	POPULATION				PERCENT CHANGE			DENSITY			
	1950	1960	1970	1980	1950-1960	1960-1970	1970-1980	1950	1960	1970	1980
Belknap	26,632	28,912	32,367	42,884	8.6	12.0	32.5	66.4	72.1	80.7	106.9
Carroll	15,868	15,829	18,548	27,931	-0.2	17.2	50.6	17.0	17.0	19.9	29.9
Cheshire	38,811	43,342	52,364	62,116	11.7	20.8	18.6	54.1	60.4	73.0	86.6
Coos	35,932	37,140	34,291	35,147	3.4	-7.7	2.5	19.6	20.3	18.7	19.2
Grafton	47,923	48,857	54,914	65,806	1.9	12.4	19.8	27.9	28.5	32.0	38.3
Hillsborough	156,987	178,161	223,941	276,608	13.5	25.7	23.5	176.4	200.2	251.6	310.8
Merrimack	63,022	67,785	80,925	98,302	7.6	19.4	21.5	67.7	72.8	86.9	105.5
Rockingham	70,059	99,029	138,951	190,345	41.4	40.3	37.0	101.4	143.4	201.1	275.5
Strafford	51,567	59,799	70,431	85,408	16.0	17.8	21.3	136.8	158.7	186.9	226.6
Sullivan	26,441	28,067	30,949	36,063	6.1	10.3	16.5	49.3	52.3	57.7	67.2
STATE:	533,242	606,921	737,681	920,610	13.8	21.5	24.8	59.1	67.3	81.7	102.0

1. U.S.Dept. of Commerce, Bureau of the Census.
2. Number of persons per square miles of land area.

* By convention, much of Rockingham's growth has been attributed to in-migration from contigious northern Massachusetts.

TABLE 6 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1980

COUNTY & TOWN	POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			Recorded Marriages	Recorded Divorces
		Total	Male	Female	Total	Male	Female		
NEW HAMPSHIRE	920,610	13,715	6,960	6,755	7,594	3,906	3,688	9,251	5,254
BELKNAP	42,884	694	328	366	410	192	218	448	253
Alton	2,440	37	12	25	30	16	14	24	
Barnstead	2,292	43	25	18	18	11	7	9	
Belmont	4,026	67	32	35	29	18	11	23	
Center Harbor	808	20	9	11	9	3	6	14	
Gilford	4,841	48	26	22	30	17	13	56	
Gilmanton	1,941	37	14	23	18	13	5	22	
Laconia	15,575	252	113	139	185	71	114	175	
Meredith	4,646	67	29	38	47	16	31	51	
New Hampton	1,249	21	7	14	1	1	0	10	
Sanbornton	1,679	28	15	13	8	6	2	21	
Tilton	3,387	74	46	28	35	20	15	43	
CARROLL	27,931	369	191	178	268	141	127	348	134
Albany	383	4	2	2	1	0	1	7	
Bartlett	1,566	16	7	9	16	12	4	12	
Brookfield	385	6	2	4	6	3	3	3	
Chatham	189	5	2	3	2	1	1	2	
Conway	7,158	104	61	43	62	36	26	102	
Eaton	256	0	0	0	1	1	0	6	
Effingham	599	8	7	1	5	2	3	2	
Freedom	720	8	3	5	7	5	2	5	
Jackson	642	6	1	5	2	2	0	11	
Madison	1,051	16	10	6	9	4	5	15	
Moultonboro	2,206	20	10	10	19	9	10	25	
Ossipee	2,465	38	20	18	26	12	14	21	
Sandwich	905	10	5	5	7	4	3	11	
Tamworth	1,672	30	18	12	17	7	10	25	
Tuftonboro	1,500	17	7	10	19	14	5	18	
Wakefield	2,237	47	21	26	22	10	12	33	
Wolfeboro	3,968	34	15	19	47	19	28	50	
Unincorporated	29	0	0	0	0	0	0	0	
CHESHIRE	62,116	908	474	434	532	271	261	675	374
Alstead	1,461	34	17	17	11	6	5	18	
Chesterfield	2,561	49	25	24	16	9	7	21	
Dublin	1,303	21	12	9	10	6	4	17	
Fitzwilliam	1,795	19	10	9	15	7	8	14	
Gilsum	652	8	5	3	5	4	1	5	
Harrisville	860	12	6	6	7	2	5	12	
Hinsdale	3,631	47	25	22	28	15	13	23	
Jaffrey	4,349	73	32	41	48	28	20	42	
Keene	21,449	284	154	130	211	99	112	208	
Marlboro	1,846	26	15	11	17	9	8	24	
Marlow	542	10	5	5	5	3	2	4	
Nelson	442	9	5	4	5	4	1	5	
Richmond	518	6	4	2	3	3	0	5	
Rindge	3,375	54	26	28	27	11	16	124	
Roxbury	190	4	2	2	2	2	0	1	
Stoddard	482	4	3	1	4	1	3	2	
Sullivan	585	8	6	2	3	1	2	2	
Surry	656	8	5	3	1	0	1	11	
Swanzey	5,183	59	31	28	33	15	18	35	
Troy	2,131	48	23	25	10	7	3	42	
Walpole	3,188	30	21	15	33	14	19	18	
Westmoreland	1,452	14	7	7	10	9	1	12	
Winchester	3,465	75	35	40	28	16	12	30	
COOS	35,147	485	227	258	344	183	161	326	171
Berlin	13,084	162	85	77	152	77	75	93	
Carroll	647	6	3	3	3	2	1	12	
Clarksville	262	2	1	1	0	0	0	1	
Colebrook	2,459	42	18	24	22	11	11	35	
Columbia	673	9	2	7	1	0	1	5	
Dalton	672	6	6	0	4	2	2	11	
Dixville	36	0	0	0	0	0	0	4	
Dummer	390	2	0	2	2	1	1	1	
Errol	313	1	0	1	2	2	0	3	
Gorham	3,322	40	17	23	27	12	15	32	
Jefferson	803	10	3	7	3	2	1	6	

TABLE 6 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1980

COUNTY & TOWN	POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			Recorded Marriages	Recorded Divorces
		Total	Male	Female	Total	Male	Female		
Lancaster	3,401	66	32	34	25	12	13	36	
Milan	1,013	12	7	5	8	6	2	12	
Northumberland	2,520	48	22	26	26	18	8	23	
Pittsburg	780	11	4	7	8	5	3	8	
Randolph	274	3	3	0	4	2	2	5	
Shelburne	318	6	1	5	3	3	0	2	
Stark	470	6	2	4	2	1	1	2	
Stewartstown	943	6	3	3	17	8	9	5	
Stratford	989	20	9	11	11	7	4	8	
Whitefield	1,681	27	9	18	23	12	11	21	
Unincorporated	97	0	0	0	1	0	1	1	
GRAFTON	65,806	892	469	423	549	275	274	627	316
Alexandria	706	16	13	3	5	3	2	2	
Ashland	1,807	39	18	21	18	10	8	29	
Bath	761	15	7	8	7	4	3	2	
Benton	333	3	2	1	2	1	1	3	
Bethlehem	1,784	25	11	14	16	10	6	14	
Bridgewater	606	5	4	1	4	2	2	5	
Bristol	2,198	35	21	14	18	10	8	36	
Campton	1,694	28	16	12	17	11	6	21	
Canaan	2,456	47	22	25	18	8	10	18	
Dorchester	244	4	1	3	2	1	1	1	
Easton	124	1	0	1	1	0	1	0	
Ellsworth	53	0	0	0	0	0	0	3	
Enfield	3,175	41	18	23	18	7	11	23	
Franconia	743	12	8	4	6	2	4	17	
Grafton	739	14	7	7	8	6	2	7	
Groton	255	7	4	3	2	1	1	3	
Hanover	9,119	50	32	18	43	21	22	96	
Haverhill	3,445	56	28	28	49	23	26	33	
Hebron	349	5	1	4	0	0	0	10	
Holderness	1,586	22	12	10	7	3	4	16	
Landaff	266	2	2	0	1	0	1	2	
Lebanon	11,134	183	98	85	97	44	53	85	
Lincoln	1,313	16	7	9	8	4	4	11	
Lisbon	1,517	19	13	6	24	10	14	14	
Littleton	5,558	87	38	49	59	33	26	55	
Lyman	281	4	1	3	1	0	1	1	
Lyme	1,289	15	7	8	17	10	7	12	
Monroe	619	7	5	2	8	5	3	6	
Orange	197	2	1	1	0	0	0	1	
Orford	928	17	10	7	4	2	2	15	
Piermont	507	3	3	0	5	2	3	6	
Plymouth	5,094	43	21	22	40	18	22	25	
Rumney	1,212	19	11	8	12	6	6	7	
Sugar Hill	397	3	3	0	8	1	7	13	
Thornton	952	12	8	4	1	1	0	10	
Warren	650	9	5	4	4	3	1	5	
Waterville	180	2	2	0	0	0	0	7	
Wentworth	527	12	5	7	8	4	4	4	
Woodstock	1,008	12	4	8	11	9	2	9	
HILLSBOROUGH	276,608	4,141	2,113	2,028	2,230	1,110	1,120	2,711	1,545
Amherst	8,243	98	52	46	33	16	17	33	
Antrim	2,208	35	20	15	12	7	5	10	
Bedford	9,481	105	57	48	49	24	25	73	
Bennington	890	10	6	4	7	4	3	5	
Brookline	1,766	27	14	13	12	7	5	20	
Deering	1,041	14	9	5	3	2	1	9	
Francestown	830	21	8	13	6	2	4	18	
Goffstown	11,315	126	57	69	99	53	46	73	
Greenfield	972	17	9	8	8	7	1	10	
Greenville	1,988	40	21	19	25	16	9	22	
Hancock	1,193	15	6	9	11	6	5	11	
Hillsborough	3,437	55	29	26	30	17	13	36	
Hollis	4,679	53	26	27	22	11	11	24	
Hudson	14,022	190	93	97	88	42	46	219	
Litchfield	4,150	82	34	48	7	4	3	15	
Lyndeborough	1,070	19	7	12	5	2	3	5	
Manchester	90,936	1,416	740	676	972	461	511	956	
Mason	792	11	8	3	9	4	5	5	
Merrimack	15,406	273	141	132	49	30	19	89	

TABLE 6 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1980

COUNTY & TOWN	POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			Recorded Marriages	Recorded Divorces
		Total	Male	Female	Total	Male	Female		
Milford	8,685	142	79	63	83	42	41	92	
Mont Vernon	1,444	23	7	16	3	1	2	11	
Nashua	67,865	978	483	495	515	257	258	685	
New Boston	1,928	35	19	16	10	7	3	14	
New Ipswich	2,433	53	30	23	21	12	9	23	
Pelham	8,090	110	60	50	41	23	18	145	
Peterborough	4,895	55	31	24	43	20	23	56	
Sharon	184	4	4	0	0	0	0	1	
Temple	692	11	7	4	6	3	3	5	
Weare	3,232	66	33	33	23	12	11	15	
Wilton	2,669	57	23	34	37	17	20	28	
Windsor	72	0	0	0	1	1	0	3	
MERRIMACK	98,302	1,407	702	705	863	438	425	967	559
Allenstown	4,398	101	52	49	32	20	12	36	
Andover	1,587	28	15	13	9	6	3	14	
Boscawen	3,435	50	20	30	20	13	7	18	
Bow	4,015	41	18	23	15	6	9	17	
Bradford	1,115	24	16	8	13	8	5	9	
Canterbury	1,410	23	10	13	7	4	3	10	
Chichester	1,432	34	21	13	6	0	6	35	
Concord	30,400	398	203	195	378	186	193	407	
Danbury	680	9	6	3	6	3	3	7	
Dunbarton	1,174	17	7	10	3	1	4	9	
Epsom	2,743	32	22	10	29	14	15	16	
Franklin	7,901	124	52	72	105	60	44	75	
Henniker	3,246	41	26	15	19	8	11	17	
Hill	736	14	11	3	3	1	2	7	
Hooksett	7,303	81	36	45	35	19	16	52	
Hopkinton	3,861	43	24	19	27	11	16	32	
Loudon	2,454	42	24	18	15	8	7	22	
Newbury	961	16	6	10	5	4	1	10	
New London	2,935	20	12	8	35	14	21	41	
Northfield	3,051	54	19	35	8	6	2	15	
Pembroke	4,861	79	40	39	31	15	16	24	
Pittsfield	2,889	46	22	24	28	14	14	29	
Salisbury	781	10	3	7	7	2	5	8	
Sutton	1,091	26	14	12	12	6	6	13	
Warner	1,963	24	6	18	8	5	3	23	
Webster	1,095	18	11	7	2	2	0	12	
Wilmot	725	12	6	6	3	2	1	5	
ROCKINGHAM	190,345	2,975	1,513	1,462	1,369	746	623	2,032	1,204
Atkinson	4,397	49	26	23	22	16	6	18	
Auburn	2,885	61	38	23	17	11	6	20	
Brentwood	2,004	20	10	10	24	15	9	5	
Candia	2,989	53	24	29	13	5	8	19	
Chester	2,006	34	20	14	13	10	3	14	
Danville	1,318	18	11	7	9	7	2	9	
Deerfield	1,979	31	12	19	16	10	6	11	
Derry	18,875	393	198	195	146	76	70	116	
East Kingston	1,135	12	7	5	15	11	4	9	
Epping	3,460	67	34	33	22	13	9	26	
Exeter	11,024	160	82	78	112	53	59	160	
Fremont	1,333	16	9	7	7	3	4	14	
Greenland	2,129	24	14	10	19	7	12	18	
Hampstead	3,785	46	28	18	25	16	9	20	
Hampton	10,493	145	85	60	97	48	49	117	
Hampton Falls	1,372	8	3	5	11	6	5	62	
Kensington	1,322	12	3	9	10	4	6	13	
Kingston	4,111	50	28	22	28	20	8	37	
Londonderry	13,598	270	130	140	70	43	27	90	
New Castle	936	9	5	4	13	7	6	18	
Newfields	817	11	5	6	5	3	2	3	
Newington	716	7	2	5	3	1	2	16	
Newmarket	4,290	46	27	19	31	14	12	28	
Newton	3,068	49	19	30	10	6	4	34	
North Hampton	3,425	41	22	19	26	17	9	31	
Northwood	2,175	29	12	17	14	5	9	28	
Nottingham	1,952	27	14	13	10	5	5	6	
Plaistow	5,609	78	41	37	35	23	12	71	
Portsmouth	26,254	500	260	240	200	87	113	356	
Raymond	5,453	113	58	55	52	32	20	49	
Rye	4,508	44	20	24	45	24	21	59	
Salem	24,124	302	146	156	160	90	70	344	
Sandown	2,057	42	13	29	11	8	3	11	

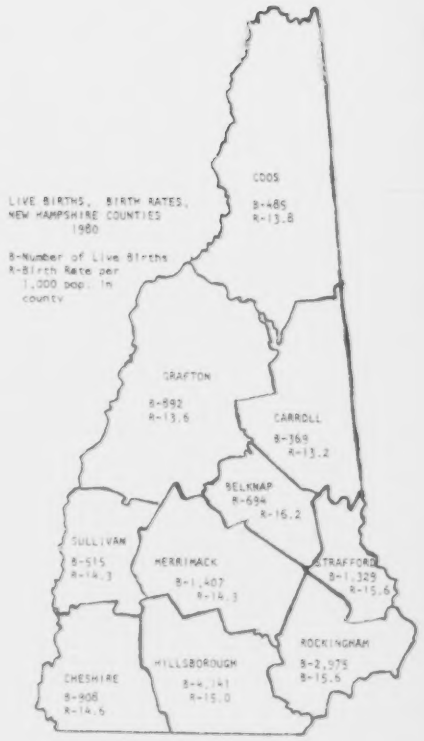
TABLE 6 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1980

COUNTY & TOWN	POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			Recorded Marriages	Recorded Divorces
		Total	Male	Female	Total	Male	Female		
Seabrook	5,917	85	41	44	40	22	18	140	
So. Hampton	660	7	3	4	4	3	1	9	
Stratham	2,507	27	16	11	13	8	5	22	
Windham	5,664	89	47	42	23	13	10	22	
STRAFFORD	85,408	1,329	676	653	706	379	327	735	504
Barrington	4,404	85	51	34	19	11	8	26	
Dover	22,377	388	210	178	197	100	97	213	
Durham	10,652	57	23	34	32	14	18	71	
Farmington	4,630	86	38	48	44	28	16	51	
Lee	2,111	23	10	13	10	8	2	17	
Madbury	987	12	8	4	6	3	3	5	
Middleton	734	18	10	8	6	5	1	7	
Milton	2,438	22	13	9	23	11	12	24	
New Durham	1,183	12	5	7	9	6	3	10	
Rochester	21,560	379	175	204	243	133	110	206	
Rollinsford	2,319	35	20	15	14	7	7	8	
Somersworth	10,350	185	100	85	91	48	43	88	
Strafford	1,663	27	13	14	12	5	7	9	
SULLIVAN	36,063	515	267	248	323	171	152	382	194
Acworth	590	16	9	7	4	3	1	6	
Charlestown	4,417	67	40	27	37	20	17	36	
Claremont	14,557	204	100	104	149	74	75	161	
Cornish	1,390	15	9	6	2	1	1	21	
Croydon	457	6	1	5	3	3	0	3	
Goshen	549	9	4	5	1	0	1	5	
Grantham	704	5	3	2	8	5	3	4	
Langdon	437	4	4		2	0	2	5	
Lempster	637	12	7	5	2	0	2	4	
Newport	6,229	103	58	45	66	41	25	75	
Plainfield	1,749	19	7	12	13	8	5	14	
Springfield	532	8	2	6	4	3	1	3	
Sunapee	2,312	18	7	11	24	9	15	23	
Unity	1,092	21	11	10	8	4	4	19	
Washington	411	8	5	3	0	0	0	3	

* U.S.Department of Commerce, Bureau of the Census final population count for 1980.

- N A T A L I T Y -

Resident live births numbered 13,715 in 1980, an increase of 886 over 1979. The corresponding 1980 rate is 14.9 per 1,000 population, approximately 3 percent higher than last year's rate of 14.5. This rate continues an upward turn that began in 1977, after a decline throughout the sixties and earlier seventies. Compared with the national 1980 birth rate of 16.2 it is 8.0 percent lower. Increases in the number of births and the birth rate at the state and national levels are the result of continued growth in the number of women in childbearing ages, as well as the increase in the rate of childbearing.



As is usually the case, not all New Hampshire resident mothers gave birth within the state. In 1980, 1,441 or 10.5 percent of all resident births took place in other states. The vast majority of these "out-of-state" births occurred in neighboring New England states, primarily Massachusetts with 1,192, followed by Vermont, 190 and Maine, 36.

Most resident live births, 68.6 percent, were to women aged 20 to 29 years. Births to teenage mothers (19 years or less) accounted for 10.7 percent and the remaining 20.7 percent were to women aged 30 and over.

Between 1979 and 1980, the number of teenage mothers and the number of 35 year and over mother births per 1,000 live births declined. Rates for mothers in age groups between 20 and 34 however, increased slightly. Table 7 below shows these rates for a five year period, 1976-1980.

TABLE 7 : NUMBER OF RESIDENT BIRTHS AND NUMBER PER 1,000 BIRTHS ACCORDING TO AGE OF MOTHER, NEW HAMPSHIRE 1976-1980

YEAR	TOTAL LIVE BIRTHS	AGE OF MOTHER: 19 & Under (Teenage) No.	19 & Under (Teenage) Per 1000	20-24 No.	20-24 Per 1000	25-29 No.	25-29 Per 1000	30-34 No.	30-34 Per 1000	35 & Over No.	35 & Over Per 1000
1976	11,186	1509	134.9	3835	342.8	4018	359.2	1427	127.6	397	35.5
1977	12,074	1493	123.7	4106	340.1	4271	353.7	1763	146.0	441	36.5
1978	12,386	1504	121.4	4162	336.0	4268	344.6	1968	158.9	484	39.1
1979	12,829	1521	118.6	4219	328.9	4394	342.5	2144	167.1	551	42.9
1980	13,715	1467	107.0	4650	339.0	4756	346.8	2310	168.4	532	38.8

Over the past five years, changes in the rates for teenage mothers and for mothers in the 30 to 34 year old group are particularly notable. The teenage rate declined by 21 percent, from 134.9 to 107.0 per 1,000 live births while the 30 to 34 year old mother rate increased from 127.6 in 1976 to 168.4 in 1980 for a 32 percent difference.

Decline in the teenage birth rate has been attributed in part, to the availability of contraceptives and abortion. The rate increase for the 30 to 34 year-olds appears to indicate that New Hampshire women are in step with a national trend toward delayed childbearing. Additional support for the existence of this phenomenon in the state may be seen in the following Table 8 which shows for example, that the percentage of first-borns to mothers aged 30-34 steadily increased through the five year period.

TABLE 8: RESIDENT FIRST-BORN BIRTHS BY AGE OF MOTHER
NEW HAMPSHIRE, 1976-1980

Age Group of Mother	FIRST-BORN BIRTHS									
	1976		1977		1978		1979		1980	
	No.	%	No.	%	No.	%	No.	%	No.	%
19 or less (Teenage)	1266	25.9	1222	23.2	1252	23.0	1244	21.9	1241	19.8
20-24	1987	40.6	2124	40.3	2143	39.4	2215	39.0	2502	39.9
25-29	1315	26.9	1495	28.4	1537	28.3	1679	29.6	1888	30.1
30-34	274	5.6	379	7.2	451	8.3	486	8.6	567	9.0
35 & over	48	1.0	49	0.9	54	1.0	54	1.0	80	1.3
TOTAL:	4890	100%	5269	100%	5437	100%	5679	100%	6278	100%

Various characteristics of the mother influence an infant's health at birth and its chances for survival. One important factor is the age of the mother. For instance, mothers aged 30 and over are at a higher risk of bearing a child with a congenital anomaly than are mothers 20 to 29 years old. Age also has a bearing on an infant's birth weight. Very young mothers and those in late childbearing years are more likely than 20 to 29 year olds to bear low-birth-weight babies. In turn, low-birth-weight infants are at a much higher risk of infant mortality, mental retardation, congenital malformation and other physical and neurological impairments than are babies who weigh more at birth. In 1980, 733 low-birth-weight (2500 grams or less) infants were born to New Hampshire residents, representing 5.3 percent of all live births. On a statewide basis the rate of such births per 1,000 live births was 53.4, a decrease from the 1979 rate of 59.3. Low-birth-weight rates by county for the past five years, 1976-1980 are displayed in Table 9 below. As the figures show, the number of low-birth-weight babies per 1,000 live births statewide has generally declined over the five year period.

TABLE 9: RESIDENT LOW-BIRTH-WEIGHT[1.] RATES[2.] BY COUNTY
NEW HAMPSHIRE, 1976-1980

COUNTY	LOW-BIRTH-WEIGHT, NO. & RATE									
	1976		1977		1978		1979		1980	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Belknap	42	80.6	35	61.3	33	56.6	36	54.6	44	63.4
Carroll	13	46.1	13	41.7	19	56.9	16	46.8	17	46.1
Cheshire	38	51.6	34	44.0	41	47.1	49	58.1	39	43.0
Coos	30	65.6	25	53.3	23	45.5	31	67.5	22	45.4
Grafton	29	39.9	53	68.1	44	54.7	38	48.8	41	46.0
Hillsborough	246	70.6	199	52.0	217	58.5	235	60.1	241	58.2
Merrimack	61	55.4	85	69.6	72	54.8	66	49.2	62	44.1
Rockingham	154	62.8	143	55.7	137	51.9	170	61.3	149	50.1
Strafford	54	54.4	68	62.2	66	56.4	80	65.0	80	60.2
Sullivan	34	78.5	32	69.6	39	85.7	40	80.8	38	73.8
STATE:	701	62.7	687	56.9	691	55.8	761	59.3	733	53.4

1. Low-birth-weight: 2500 grams or less
2. Per 1,000 live births in the specific county.

The marital status of the mother is also related to an infant's condition at birth. According to current information, at all ages, unmarried mothers are more likely than married mothers to bear low-birth-weight babies. The number and rate of out-of-wedlock resident births have been increasing steadily in New Hampshire since 1960. The 1980 figures continue this upward trend. From 1979 to 1980, the number of these births increased from 1,298 to 1,498 and the rate climbed from 101.2 to 109.2 per 1,000 live births. For out-of-wedlock births to teenage mothers however, the rate was 42.7 per 1,000 live births, a slight decline from 46.7 in 1979.

Over the past five years, 1976 to 1980, teenagers have accounted for the highest percentages of all out-of-wedlock births but the percentage level has decreased from year to year. In 1976, 50.2 percent of out-of-wedlock births were to teenagers; in 1980 this figure was 42.7. During the same period, the percentage of out-of-wedlock births to 20-24 year olds has risen each year, from 29.4 in 1976 to 37.2 in 1980. See Table 10 below.

TABLE 10 NUMBER AND PERCENT DISTRIBUTION OF OUT-OF-WEDLOCK RESIDENT BIRTHS BY AGE OF MOTHER, NEW HAMPSHIRE, 1976-1980

AGE GROUP of MOTHER	OUT-OF-WEDLOCK BIRTHS									
	1976		1977		1978		1979		1980	
	No.	%	No.	%	No.	%	No.	%	No.	%
19 & under	475	50.2	502	48.5	561	47.0	606	46.7	639	42.7
20-24	278	29.4	346	33.4	402	33.7	449	34.6	558	37.2
25-29	117	12.4	127	12.3	138	11.6	150	11.6	210	14.0
30-34	50	5.3	43	4.2	69	5.8	64	4.9	70	4.7
35 & over	26	2.7	17	1.6	23	1.9	29	2.2	21	1.4
TOTAL:	946	100%	1035	100%	1193	100%	1298	100%	1498	100%

For the most part, resident births took place in hospitals located in New Hampshire or other states but in 1980, 151 were recorded as births at home within the state. This figure is six less than the 1979 figure of 157 and represents the first decline in the number of resident home births since 1975. From 1975 to 1979 the number of such births as opposed to in-hospital births had increased each year. See Table 11 below.

TABLE 11 NUMBER AND PERCENT, RESIDENT HOME BIRTHS AND HOSPITAL BIRTHS, NEW HAMPSHIRE, 1975-1980

Location of Birth *	LIVE BIRTHS											
	1975		1976		1977		1978		1979		1980	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
At Home	32	0.3	49	0.4	82	0.7	122	1.0	157	1.2	151	1.1
In Hosp.	11064	99.7	11134	99.6	11988	99.3	12260	99.0	12663	98.8	13508	98.9
TOTAL:	11096	100%	11183	100%	12070	100%	12392	100%	12820	100%	13659	100%

* All locations other than "At Home" and "In Hospital" have been excluded

In 1980, a type of facility called a birthing center began operating in Concord, N.H. that offered women an alternative to delivery in a hospital or at home. During the year, 42 resident births took place in this facility. While the exact effect of this new facility is not known, there is the possibility that its presence had an influence on the 1980 number of resident home births as well as on the number of births that took place in hospitals.

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, N.H., 1980

	TOTAL	SEX MALE	SEX FEMALE	BORN IN HOSP	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	CON-MAL OR BTH INJURY	MOTHER UNDER AGE 20	NO PRE NATAL CARE
BELKNAP										
ALTON	37	12	25	36	22	2		3	2	
BARNSTEAD	43	25	18	41	23	3	6	2	2	
BELMONT	67	32	35	66	31	2	2	4	7	
CENTER HARBOR	20	9	11	19	7	1		2	3	
GILFORD	48	26	22	48	25	3		5	3	
GILMANTON	37	14	23	36	20	3		3	6	1
LACONIA	252	113	139	251	117	14	6	18	49	3
MEREDITH	67	29	38	67	32	5	6	6	8	
NEW HAMPTON	21	7	14	21	4	1			1	
SANBORNTON	28	15	13	27	7				1	
TILTON	74	46	28	72	36	10	2	5	15	1
BELKNAP	694	328	366	684	324	44	22	48	97	5
CARROLL										
ALBANY	4	2	2	4	1	1		1		
BARTLETT	16	7	9	16	3			2	1	
BROOKFIELD	6	2	4	6	3			1		
CHATHAM	5	2	3	5	3				1	
CONWAY	104	61	43	104	43	5	2	19	16	1
EFF INGHAM	8	7	1	8	4					
FREEDOM	8	3	5	7	2	1	2	1		
JACKSON	6	1	5	6	4					
MADISON	16	10	6	16	7	1		3	2	
MOULTONBORO	20	10	10	20	7	2		1	1	
OSSIPEE	38	20	18	38	13	2		1	8	
SANDWICH	10	5	5	9	5	1		1	1	
TAM WORTH	30	18	12	30	16		2	1	7	
TUFTONBORO	17	7	10	15	7			1		
WAKEFIELD	47	21	26	45	18	4		4	7	1
WOLFEBORO	34	15	19	34	13			2	3	
CARROLL	369	191	178	363	149	17	6	38	47	2
CHESHIRE										
ALSTEAD	34	17	17	31	17			1	4	
CHESTERFIELD	49	25	24	49	29			3	8	
DUBLIN	21	12	9	18	9					
FITZWILLIAM	19	10	9	19	8	1		1		
GILSUM	8	5	3	8	4	1		1		
HARRISVILLE	12	6	6	10	6	1		3		1
HINSDALE	47	25	22	47	20	4		6	2	
JAFFREY	73	32	41	73	23	4	2	6	11	
KEENE	284	154	130	282	132	15	3	26	39	1
MARLBOROUGH	26	15	11	25	12				6	
MARLOW	10	5	5	9	5				1	
NELSON	9	5	4	9	4				4	
RICHMOND	6	4	2	6	2					
RINDGE	54	26	28	54	22	2		3	4	
ROXBURY	4	2	2	4	2				2	1
STODDARD	4	3	1	3	2					
SULLIVAN	8	6	2	8	5	1		3	1	
SURRY	8	5	3	8	3	1			1	
SWANZEY	59	31	28	58	25	3	2	5	6	
TROY	48	23	25	48	20	2		1	7	
WALPOLE	36	21	15	34	17	1		3	3	
WESTMORELAND	14	7	7	14	7	1			1	
WINCHESTER	75	35	40	75	34	2		7	17	
CHESHIRE	908	474	434	892	408	39	7	69	117	2
COOS										
BERLIN	162	85	77	162	77	4	4	15	23	1
CARROLL	6	3	3	6	1				1	
CLARKSVILLE	2	1	1	2		1		1		
COLE BROOK	42	18	24	42	14	2		2	5	
COLUMBIA	9	2	7	9	4					
DALTON	6	6		6	5			1	1	
DUMMER	2		2	2	1					
ERROL	1		1	1	1				1	
GORHAM	40	17	23	40	19	5		3	3	
JEFFERSON	10	3	7	10	6	1		1	1	
LANCASTER	66	32	34	65	25	3	4	9	10	
MILAN	12	7	5	12	6	1	2	2	3	
NORTHUMBERLAND	48	22	26	48	22	3		6	9	
PITTSBURG	11	4	7	11	5				1	
RANDOLPH	3	3		3	1					
SHELBURNE	6	1	5	6	3					

TABLE 12 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, N.H., 1980

	TOTAL	SEX MALE	SEX FEMALE	BORN IN HOSP	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	CON-MAL OR BTH INJURY	MOTHER UNDER AGE 20	NO PRE NATAL CARE
STARK	6	2	4	6	2				2	
STEWARTSTOWN	6	3	3	6	3			1	1	
STRATFORD	20	9	11	20	6		2		2	
WHITEFIELD	27	9	18	26	11	2		3	2	1
COOS	485	227	258	483	212	22	12	44	65	2
GRAFTON										
ALEXANDRIA	16	13	3	16	7	1		1	2	
ASHLAND	39	18	21	39	22	1		2	8	
BATH	15	7	8	14	8			1	2	
BENTON	3	2	1	3						
BETHLEHEM	25	11	14	23	10	1		2	2	
BRIDGEWATER	5	4	1	5	3					
BRISTOL	35	21	14	35	15	8	2	4	6	
BEEBE RIVER CAM	28	16	12	27	16	1	2		4	
CANAAN	47	22	25	47	17	1	1	7	4	
DORCHESTER	4	1	3	4	1					
EASTON	1		1							
ENFIELD	41	18	23	40	21	2		4	6	
FRANCONIA	10	8	4	10	8			2	1	
GRAFTON	14	7	7	14	6	1			2	
GROTON	7	4	3	7	4					
HANOVER	50	32	18	50	23	4		8		
HAVERHILL	56	28	28	55	28	2		5	6	
HEBRON	5	1	4	5	2					
HOLDERNESS	22	12	10	21	15				3	
LANDAFF	2	2		2	2					
LEBANON	183	98	85	180	97	5		20	28	1
LINCOLN	16	7	9	16	2			1	1	
LISBON	19	13	6	19	13	1		2	5	1
LITTLETON	87	38	49	87	33	5		5	8	
LYMAN	4	1	3	4	3				1	
LYME	15	7	8	15	7			3	1	
MONROE	7	5	2	7	4			1		
ORANGE	2	1	1	2						
ORFORD	17	10	7	17	11	2	1	1	2	
PIERMONT	3	3		3	2			1		
PLYMOUTH	43	21	22	43	14	3	2	4	3	1
RUMNEY	19	11	8	19	11			2	3	
THORNTON	12	8	4	12	8			1	1	
WARREN	9	5	4	8	4			1	1	
WATERVILLE VALL	2	2		2	2					
WENTWORTH	12	5	7	12	7	3		3	4	
WOODSTOCK	12	4	8	12	3			2		
SUGAR HILL	3	3		3	2					
GRAFTON	892	469	423	878	431	41	8	83	104	3
HILLSBOROUGH										
AMHERST	98	52	46	97	41	4	2	16	6	
ANTRIM	35	20	15	33	17	1		4	6	
BEDFORD	105	57	48	104	36	5	2	7	2	1
BENNINGTON	10	6	4	10	3	2		3	2	
BROOKLINE	27	14	13	27	17	2		2	5	
DEERING	14	9	5	13	6			1	1	
FRANCESTOWN	21	8	13	21	12	1		2		
GOFFSTOWN	126	57	69	125	55	5	4	4	8	
GREENFIELD	17	9	8	17	9	2	2	3	1	
GREENVILLE	40	21	19	39	20			2	8	
HANCOCK	15	6	9	15	8			2		
HILLSBORO	55	29	26	53	19	5		2	4	
HOLLIS	53	26	27	52	20	3	2	11	1	
HUDSON	190	93	97	190	91	5		15	26	
LITCHFIELD	82	34	48	81	34	5	2	7	6	
LYNDEBOROUGH	19	7	12	17	11			1	2	
MANCHESTER	1416	740	676	1404	635	87	36	72	165	10
MASON	11	8	3	11	7			1		
MERRIMACK	273	141	132	273	96	16	6	25	8	1
MILFORD	142	79	63	141	68	9	3	12	17	

TABLE 12 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, N.H.. 1980

	TOTAL	SEX MALE	SEX FEMALE	BORN IN HOSP	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	CON-MAL OR BTH INJURY	MOTHER UNDER AGE 20	NO PRE NATAL CARE
MONT VERNON	23	7	16	23	11	1		3	1	
NASHUA	978	483	495	975	461	61	23	112	104	7
NEW BOSTON	35	19	16	35	15			2	2	
NEW IPSWICH	53	30	23	51	17	3	2	6	5	
PELHAM	110	60	50	110	36	6	6	11	8	1
PETERBOROUGH	55	31	24	54	23	3	2	14	3	
SHARON	4	4		4	2			1		
TEMPLE	11	7	4	11	6	2	2	1		
WEARE	66	33	33	66	37	10	4	5	3	
WILTON	57	23	34	54	28	3	2	9	2	
HILLSBOROUGH	4141	2113	2028	4106	1841	241	100	354	396	20
MERRIMACK										
ALLENSTOWN	101	52	49	101	38	4	4	4	10	1
ANDOVER	28	15	13	28	13			1	2	
BOSCAWEN	50	20	30	48	18	3	2	2	6	
BOW	41	18	23	41	18	1		1	2	
BRADFORD	24	16	8	24	8		2	2		
CANTERBURY	23	10	13	23	10	2		1	1	
CHICHESTER	34	21	13	34	17	1		1	4	
CONCORD	398	203	195	388	206	18	4	10	51	4
DANBURY	9	6	3	8	6					
DUNBARTON	17	7	10	17	7	1		1	1	
EPSOM	32	22	10	32	14	1		2	3	
FRANKLIN	124	52	72	123	52	10	2	8	21	2
HENNIKER	41	26	15	39	16	2			1	
HILL	14	11	3	14	5			2	1	
HOOKSETT	81	36	45	81	42	2			6	1
HOPKINTON	43	24	19	42	20	2		1	3	
LOUDON	42	24	18	41	24			1	5	
NEWBURY	16	6	10	16	8			2	2	
NEW LONDON	20	12	8	20	10	1		2	1	
NORTHFIELD	54	19	35	52	27	2		1	6	
PEMBROKE	79	40	39	79	41	2		1	7	
PITTSFIELD	46	22	24	43	22	3		1	12	1
SALISBURY	10	3	7	9	1	4	4	2		
SUTTON	26	14	12	26	12	1	2	3	2	
WARNER	24	6	18	23	11	1	2	2	1	
WEBSTER	18	11	7	17	9	1			2	
WILMOT	12	6	6	12	6			1	2	
MERRIMACK	1407	702	705	1381	661	62	22	52	152	9
ROCKINGHAM										
ATKINSON	49	26	23	49	21	3		2	2	
AUBURN	61	38	23	60	26	3		2		
BRENTWOOD	20	10	10	20	2			3		
CANDIA	53	24	29	53	26	3		3	3	
CHESTER	34	20	14	34	12	1		2	2	
DANVILLE	18	11	7	18	7	2	2	2	3	
DEERFIELD	31	12	19	31	11	1		1	4	
DERRY	393	198	195	389	180	18	8	25	29	
EAST KINGSTON	12	7	5	11	5	2		1		
EPPING	67	34	33	66	31	4		5	7	
EXETER	160	82	78	160	76	14	6	14	9	1
FREMONT	16	9	7	16	6			1	1	
GREENLAND	24	14	10	23	10		2	2	2	
HAMPSTEAD	46	28	18	46	22	3	2	1	5	1
HAMPTON	145	85	60	143	76	9	6	10	9	
HAMPTON FALLS	8	3	5	7	1	1				
KENSINGTON	12	3	9	12	8				2	
KINGSTON	50	28	22	50	22	2		2	5	
LONDONDERRY	270	130	140	268	124	13	6	24	12	1
NEW CASTLE	9	5	4	9	5			1	1	
NEWFIELDS	11	5	6	11	4			1	2	
NEWINGTON	7	2	5	6	5			1		
NEWMARKET	46	27	19	44	24	4		6	4	
NEWTON	49	19	30	49	21	1	2	5	3	
NORTH HAMPTON	41	22	19	40	20	3	2	5	2	1
NORTHWOOD	29	12	17	28	13	1			5	1
NOTTINGHAM	27	14	13	25	10	1		3	3	
PLAISTOW	78	41	37	78	34	4		3	5	
PORTSMOUTH	500	260	240	495	247	20	6	25	56	
RAYMOND	113	58	55	112	53	9	6	9	12	
RYE	44	20	24	44	19	3	5	9	3	2

TABLE 12 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, N.H., 1980

	TOTAL	SEX MALE	SEX FEMALE	BORN IN HOSP	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	CON-MAL OR BTH INJURY	MOTHER UNDER AGE 20	NO PRE NATAL CARE
SALEM	302	146	156	301	141	18	14	18	22	3
SANDOWN	42	13	29	42	20	1		3	2	
SEABROOK	85	41	44	84	51	1		4	14	
SOUTH HAMPTON	7	3	4	7	1					
STRATHAM	27	16	11	27	15			1	1	1
WINDHAM	89	47	42	88	43	2		4	2	1
ROCKINGHAM	2975	1513	1462	2946	1392	149	65	198	232	12
STRAFFORD										
BARRINGTON	85	51	34	84	42	2	2	11	8	
DOVER	388	210	178	387	208	23	2	35	50	2
DURHAM	57	23	34	52	23	1	2	2	1	
FARMINGTON	86	38	48	86	37	9	6	16	16	2
LEE	23	10	13	23	13	1			1	
MADBURY	12	8	4	12	3			2		
MIDDLETON	18	10	8	18	6	1			2	
MILTON	22	13	9	22	8	1		1	3	
NEW DURHAM	12	5	7	12	5	1	2	1	1	
ROCHESTER	379	175	204	377	176	28	17	57	57	2
ROLLINSFORD	35	20	15	35	21	3		4	4	1
SOMERSWORTH	185	100	85	184	90	9	2	23	34	
STRAFFORD	27	13	14	27	14	1				
STRAFFORD	1329	676	653	1319	646	80	33	152	177	7
SULLIVAN										
ACWORTH	16	9	7	12	6	1	2	1	1	
CHARLESTOWN	67	40	27	67	27	7	5	11	12	
CLAREMONT	204	100	104	204	92	16	7	37	39	1
CORNISH	15	9	6	15	5	1		1	1	
CROYDON	6	1	5	6	2					
GOSHEN	9	4	5	8	5			1	1	
GRANTHAM	5	3	2	4						
LANGDON	4	4		4		1				
LEMPSTER	12	7	5	12	3					
NEWPORT	103	58	45	103	37	8		13	21	1
PLAINFIELD	19	7	12	18	8			1		
SPRINGFIELD	8	2	6	8	4					
SUNAPEE	18	7	11	18	11	3		2	2	
UNITY	21	11	10	20	10	1		2	2	
WASHINGTON	8	5	3	8	4				1	
SULLIVAN	515	267	248	507	214	38	14	69	80	2
N H TOTAL	13715	6960	6755	13559*	6278	733	289	1107	1467	64

* Figure includes 42 at birthing center, Concord and 9 "born on arrival".

TABLE 13 RESIDENT LIVE BIRTHS ACCORDING TO COUNTY OF MOTHER'S RESIDENCE, BY HOSPITAL, NEW HAMPSHIRE, 1980

PLACE OF BIRTH	BELKNAP	CARROLL	CHESHIRE	COOS	GRAFTON	HILLSBOROUGH	MERRIMACK	ROCKINGHAM	STRAFFORD	SULLIVAN	STATE TOTAL
LAKES REGION HOSPITAL	476	62	1	0	114	0	73	1	1	0	728
MEMORIAL HOSPITAL-CONWAY	0	150	0	0	0	0	0	0	1	0	151
HUGGINS HOSPITAL	13	79	0	0	1	1	0	0	10	0	104
CHESHIRE HOSPITAL	0	0	539	0	1	7	0	0	0	4	551
ANDROSCOGGIN VALLEY HOSP	0	1	0	205	3	0	0	1	0	0	210
WEEKS MEMORIAL HOSPITAL	0	0	0	189	3	0	0	0	0	0	192
MARY HITCHCOCK HOSPITAL	14	5	12	6	242	18	45	4	15	92	453
COTTAGE HOSPITAL	0	0	0	0	60	0	0	0	0	0	60
ALICE PECK DAY HOSPITAL	2	0	0	0	137	0	1	0	0	12	152
LITTLETON HOSPITAL	0	0	0	38	162	0	0	1	0	0	201
SCEVA SPEARE HOSPITAL	1	0	0	0	71	0	0	0	0	0	72
ELLIOT HOSPITAL	0	0	0	0	1	805	59	227	2	0	1094
CATH MED CENTER EAST	0	0	0	0	0	659	49	98	0	0	786
MEMORIAL HOSPITAL-NASHUA	1	0	0	0	0	15	2	125	1	0	1144
ST JOSEPH HOSPITAL	0	0	1	0	0	755	0	67	1	1	825
MONADNOCK COMMUNITY HOSP	0	0	188	0	0	243	1	0	1	2	435
CONCORD HOSPITAL	126	6	2	2	26	330	974	90	11	10	1577
FRANKLIN HOSPITAL	17	0	0	0	6	0	50	0	0	0	73
NEW LONDON HOSPITAL	0	0	0	0	6	2	69	0	0	74	151
ALEXANDER EASTMAN HOSP	0	0	0	0	0	15	0	133	0	0	148
EXETER HOSPITAL	0	0	0	0	0	4	0	680	60	0	744
PORTSMOUTH HOSPITAL	0	1	0	0	0	0	0	309	48	0	358
WENTWORTH DOUGLASS HOSP	7	4	0	0	0	1	1	53	702	0	768
FRISBIE MEMORIAL HOSP	11	30	0	0	0	1	1	7	367	0	417
CLAREMONT GENERAL HOSP	0	0	1	0	1	0	4	0	0	268	274
NEWPORT HOSPITAL	0	0	0	0	0	0	0	0	0	1	1
UPPER CONN VALLEY HOSP	0	0	0	31	0	0	0	0	0	0	31
U.S.A.F. PEASE HOSPITAL	1	3	1	0	1	6	7	272	76	0	367
BIRTHING CENTER, CONCORD	6	0	0	0	1	7	25	3	0	0	42
BOA	1	1	0	0	0	1	1	1	0	0	5
STREET ADDRESS	0	0	0	1	3	2	0	1	0	0	7
AT HOME	9	5	16	2	14	34	25	28	10	8	151
OUT OF STATE	9	22	147	11	39	254	19	874	23	43	1441
OTHER	0	0	0	0	0	1	1	0	0	0	2
*** TOTAL ***	694	369	908	485	892	4141	1407	2975	1329	515	13715

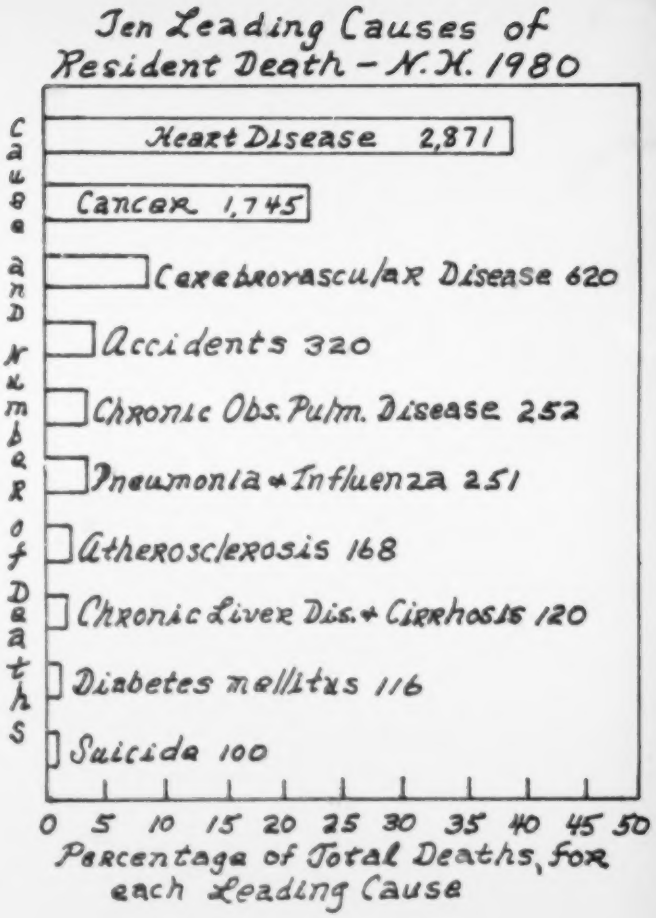
TABLE 14 OCCURRENCES OF LIVE BIRTHS & FETAL, NEONATAL & INFANT DEATHS BY HOSPITAL, N.H., 1980

HOSPITAL (with city/town location)	No. Live Births	No. Fetal Deaths	No. Neonatal Deaths	No. Infant Deaths
Alexander Eastman, Derry	150	0	0	1
Alice Peck Day Memorial, Lebanon	302	0	0	0
Androscoggin Valley, Berlin	217	0	1	1
Catholic Med.Ctr., Manchester	792	3	9	13
Cheshire, Keene	564	5	0	2
Claremont Genrl., Claremont	341	0	1	1
Concord, Concord	1,591	7	7	8
Cottage, Woodsville	76	0	0	0
Elliot, Manchester	1,100	3	0	0
Exeter, Exeter	800	1	1	2
Franklin Regional, Franklin	73	0	1	1
Frisbie Memorial, Rochester	467	2	0	2
Huggins, Wolfeboro	108	2	0	1
Lakes Region, Laconia	731	1	2	3
Littleton, Littleton	218	1	0	1
Mary Hitchcock Mem., Hanover	800	30	39	49
Memorial, No. Conway	171	2	1	1
Monadnock Community, Peterborough	439	3	1	1
Nashua Memorial, Nashua	1,195	6	4	5
New London, New London	151	0	3	3
Newport, Newport	1	0	0	0
Pease A.F.B., Portsmouth	473	3	0	0
Portsmouth, Portsmouth	589	3	3	3
St. Josephs, Nashua	890	6	6	6
Sceva Speare Mem., Plymouth	74	0	0	0
Upper Connecticut Valley, Colebrook	44	1	0	0
Weeks Memorial, Lancaster	216	0	0	0
Wentworth-Douglass, Dover	936	4	2	3
Home (Residence)	149	0	1	8
Enroute to Hospital	5	0	0	0
All others	57	0	0	0
TOTAL:	13,720	83	82	115

1980 resident deaths numbered 7,594, an increase of 176 over 1979. The 1980 death rate of 8.2 per 1,000 population, however, is 2.4 percent less than last year's rate of 8.4 and is the lowest on record. It is also lower than the U.S. 1980 rate of 8.9. The state rate appears to be continuing its general long-term decline while the U.S. rate took a turn upward.

This is the fourth year in a row that the state crude (undadjusted) death rate has been lower than the national crude rate. Previously, New Hampshire's rate had characteristically exceeded the U.S. rate. In every year from 1950 to 1974, the state rate was higher than the nationwide figure. In 1975, it dropped slightly below the U.S. level but surpassed it once more in 1976. Then in 1977 it was 8.5 compared with the U.S. rate of 8.8 and in each year since, has remained below the national rate. It is likely that this shift in the position of the state crude rate versus the U.S. crude rate is due to changes in the relative age structures of the population in New Hampshire and in the nation as a whole.

Most resident deaths, 6,763 out of 7,594, took place within New Hampshire. Of the 831 resident deaths in other states, most occurred in Massachusetts, 491, followed by 136 in Vermont and 65 in Maine.


Ten Leading Causes of Resident Death - N.H. 1980
Causes and Number of Deaths
Heart Disease 2,871
Cancer 1,745
Cerebrovascular Disease 620
Accidents 320
Chronic Obs. Pulm. Disease 252
Pneumonia + Influenza 251
Atherosclerosis 168
Chronic Liver Dis. + Cirrhosis 120
Diabetes mellitus 116
Suicide 100
0 5 10 15 20 25 30 35 40 45 50
Percentage of Total Deaths, for each Leading Cause

Characteristically, male deaths outnumbered female deaths, 3,906 to 3,688 and males were generally younger at time of death than females, 70.7 median years of age compared with 77.1 median years. The median age at death for all individuals regardless of sex or cause was 73.5 years.

Leading Causes of Death *

The ten leading causes of resident death were the same in 1980 as in 1979. Diseases of the Heart, Malignant Neoplasms and Cerebrovascular Disease again ranked as the top three leading causes and Accidents were in fourth place. Chronic Obstructive Pulmonary Disease (COPD) was the fifth leading cause, just very slightly ahead of Pneumonia and Influenza, representing a shift in position for these two causes. In 1979, Pneumonia and Influenza was fifth with COPD very closely behind in sixth place. Atherosclerosis maintained the same rank, seventh place. Chronic Liver Disease and Cirrhosis was eighth, a move up from the ninth position in 1979 while Diabetes dropped one rank, from eight to nine. Suicide remained in tenth place. See Table 15.

All told, the ten leading causes of death accounted for 86.4 percent of all resident mortality in 1980.

* Cause of death classified using the ACME automated system. See Introduction.

TABLE 15 Resident Death Rates for the Ten Leading Causes of Death and Percent Change, New Hampshire, 1979-1980

Leading Causes of Death With ICD9 Code Number	N.H. Rank 1980	N.H. Rate [1] 1979	N.H. Rate [1] 1980	% Change '79-80-NH	'80 US [2] Rate(Rank)	% Dif. NH vs. U.S.'80 Rates
Diseases of the Heart(390-398, 402,404-429)	1	318.6	311.8	- 2.1	342.3(1)	- 8.9
Malignant Neoplasms(140-208)	2	194.5	189.5	- 2.6	186.3(2)	+ 1.7
Cerebrovascular Diseases (430-438)	3	71.8	67.4	- 6.1	76.2(3)	-11.5
All accidents (E800-E949)	4	41.4	34.7	-16.2	47.0(4)	-26.2
Chronic Obstruc.Pulmonary Disease & Allied Conditions (490-496)	5	23.4	27.3	+16.7	25.0(5)	+ 9.2
Pneumonia & Influenza (480-487)	6	23.8	27.2	+14.3	23.6(6)	+15.3
Atherosclerosis (440)	7	18.9	18.2	- 3.7	13.4(9)	+35.8
Chronic Liver Disease & Cirrhosis (571)	8	12.6	13.0	+ 3.2	14.0(8)	- 7.1
Diabetes Mellitus (250)	9	13.6	12.6	- 7.4	15.4(7)	-18.2
Suicide (E960-E978)	10	11.3	10.8	- 4.4	11.9(10)	- 9.2

1. Per 100,000 population
2. National Center for Health Statistics, 1980 provisional rates per 100,000 population.

Among age groups of residents, Diseases of the Heart was the predominant cause of mortality, as it was among all residents regardless of age. For persons in every age interval between 45 and 75 years and over, it was the major source of mortality.

Accidents was the main cause of death in age groups between 1 to 34 years. Malignant neoplasms was the leading cause in one interval, 35 to 44 years. Deaths under one year of age (infant deaths) were due mainly to Conditions Originating in the Perinatal Period. See Table 16.

TABLE 16 Leading Cause of Resident Death in Age Group by Sex, New Hampshire, 1980

Age Group	Leading Cause of Death with ICD 9 Code No.	% of All Deaths in Age Group	- S E X - Male No.	Fem. No.	M & F No.	No.Deaths All Causes M & F
Under 1 yr.	Conditions Originating in Perinatal Period (760-779)	51.9	41	29	70	135
1-14	Accidents (E800-E949)	28.6	10	6	16	56
15-24	Accidents (E800-E949)	63.6	81	24	105	165
25-34	Accidents (E800-E949)	37.3	44	6	50	134
35-44	Malignant Neoplasms(140-208)	30.5	21	30	51	167
45-54	Dis.of Heart(390-398,402,404-429)	33.4	110	36	146	437
55-64	Diseases of the Heart	38.7	303	108	411	1062
65-74	Diseases of the Heart	40.6	462	292	754	1859
75 & over	Diseases of the Heart	42.2	616	893	1509	3579
All Ages	Diseases of the Heart	37.8	1530	1341	2871	7594

Major Cardiovascular Disease

Diseases of the Heart, the leading cause of death in 1980 (as it has been since at least 1948) was responsible for 2,871 resident deaths. The corresponding State rate was 311.8 per 100,000 persons, representing a 2.2 percent decline compared with the 1979 rate of 318.7. New Hampshire's rate was 8.9 percent less than the U.S. rate of 342.3.

The majority of heart disease deaths were male, 53.3 percent, as opposed to 46.7 percent female. In general, males continued to die at younger ages than females from heart disease. The male median age at death was 71.9 years compared with the female median age of 79.6 years. In all Diseases of the Heart mortality, median age at death was 75.4 years.

Ischemic heart disease mortality, which has been the largest component of all Diseases of the Heart mortality over the years accounted for 81 1 percent of all resident Diseases of the Heart deaths.

Acute myocardial infarction, one acute form of ischemic heart disease, was alone responsible for 47.8 percent of all mortality from Diseases of the Heart. More males than females succumbed to this malady, 853 to 518. Median age at death was 69.4 years for males and 76.7 years for females. For both sexes combined, 71.9 years was the median.

Table 17below displays Diseases of the Heart mortality rates by county for the years 1976 to 1980.

TABLE17 Resident Death Rates[1.] for Diseases of the Heart[2.]
by County, New Hampshire, 1976-1980

COUNTY	- YEAR AND RATE - 1976	1977	1978	1979	1980
Belknap	403.2	402.6	381.7	374.4	389.4
Carroll	478.1	423.2	285.3	458.6	379.5
Cheshire	293.7	347.7	338.9	343.1	301.0
Coos	389.0	422.1	384.2	378.4	378.4
Grafton	326.1	374.6	315.4	297.5	290.2
Hillsborough	307.2	277.3	274.6	303.0	293.9
Merrimack	378.8	338.9	346.2	379.1	358.0
Rockingham	272.5	247.0	266.1	256.5	276.8
Strafford	346.6	286.4	306.8	318.5	325.4
Sullivan	367.0	445.8	338.2	364.9	321.6
STATE:	327.3	312.5	303.0	318.7	311.8

1. Per 100,000 population in the Specific County.
2. 1976-1978: ICD 8: 390-398, 402, 404. 1979-1980: ICD9: 390-398, 402, 404-429. Estimated comparability ratio: 1.01, National Center for Health Statistics, 1980.

Cerebrovascular disease (stroke) another major cardiovascular disorder and the third leading cause of resident death in 1980, accounted for 621 deaths, 8.2 percent of all deaths. The cause specific death rate was 67.4 per 100,000 persons. Compared with the 1979 state rate of 71.8, it is 6.1 percent lower. It is also lower than the 1980 national rate of 76.2 per 100,000 population. Unlike Diseases of the Heart, Cerebrovascular Disease claimed more females than males, 384 to 237. Females were generally older than males at death, 83.0 median years of age compared with 76.3 median years. The median age at death for all stroke victims was 80.7 years.

Malignant Neoplasms

During 1980, 23 percent (1,745) of all resident deaths were attributed to Malignant Neoplasms and cancer continued as the second leading cause of death in New Hampshire. The 1980 state rate was 189.5 per 100,000 persons which was lower than the 1979 rate of 194.5 by 2.6 percent. It was however, 1.7 percent higher than the 1980 national rate of 186.3. The New Hampshire rate remains higher than the U.S. rate as it has since 1950.

Cancer resident death rates for New Hampshire counties from 1976 to 1980 are shown below in Table 18.

TABLE 18 Resident Death Rates[1] For Cancer[2] By County, New Hampshire, 1976-1980

COUNTY	- YEAR AND RATE - 1976	1977	1978	1979	1980
Belknap	204.3	168.4	193.4	218.0	216.8
Carroll	228.1	186.7	290.2	225.5	229.1
Cheshire	187.1	192.8	227.0	207.5	223.7
Coos	236.3	252.1	242.9	234.8	221.9
Grafton	195.7	216.2	205.9	201.6	179.3
Hillsborough	195.4	195.8	195.4	193.9	182.9
Merrimack	183.2	198.4	220.4	206.9	197.3
Rockingham	164.7	146.1	147.2	161.4	160.2
Strafford	165.6	186.0	176.3	202.3	203.7
Sullivan	189.6	180.7	220.6	192.8	205.1
STATE:	187.3	186.5	194.8	194.5	189.5

1. Per 100,000 population in the specific county.
2. 1976-1978: ICD8: 140-208. 1979-1980: ICD9:140-209. Estimated comparability ratio: 1.00, National Center for Health Statistics, 1980.

More males (887) than females (858) succumbed to Malignant Neoplasms. Median age at death was 70.1 for males and 69.7 for females. For all cancer deaths, the median age was 69.9 years.

Differences and similarities between males and females in cancer mortality for individual sites of malignancy are shown in Table 19. In 1980, cancer of the trachea, bronchus and lung accounted for the highest percentage of male cancer deaths, 30.4. For females the leading site for cancer mortality was the breast, 18.6 percent. For some sites there was little sex difference, for example, the pancreas and leukemias. On an over-all basis regardless of sex, cancer of the trachea, bronchus and lung was responsible for 23.1 percent of cancer mortality, the highest percentage for any one site.

TABLE 19 Resident Deaths due to Cancer According to Selected Sites of Malignancy, By Sex, New Hampshire, 1980

Site of Malignancy and ICD9 Code No	- SEX - MALE No.	%	FEMALE No.	%	TOTAL No.	%
Digestive Organs						
Esophagus 150	19	2.1	5	0.6	24	1.4
Gall Bladder & Bile Ducts 156	2	0.2	10	1.2	12	0.7
Large Intestine (colon) 153	83	9.3	95	11.1	178	10.2
Liver & Intrahepatic Bile Ducts 155	14	1.6	18	2.1	32	1.8
Pancreas 157	45	5.1	46	5.4	91	5.2
Rectum 154	28	3.2	21	2.5	49	2.8
Stomach 151	29	3.3	17	2.0	46	2.6
Genital Organs						
Breast 174-175	0	0.0	160	18.6	160	9.2
Ovary 183	--	--	55	6.4	55	3.2
Prostate 185	106	11.9	--	--	106	6.1
Uterus 179-182	--	--	51	6.0	51	2.9
Respiratory Organs						
Larynx 161	14	1.6	3	0.4	17	0.9
Trachea,Bronchus & Lung 162	270	30.4	133	15.5	403	23.1
Urinary Organs						
Bladder 188	24	2.7	14	1.6	38	2.2
Kidney & Other and Unspecified 189	22	2.5	14	1.6	36	2.1
Other Sites						
Brain & Nervous System 191-192	23	2.6	18	2.1	41	2.3
Lymphatic & Hematopoietic Leukemias 204-208	26	2.9	28	3.3	54	3.1
All others 202-203	46	5.2	41	4.8	87	4.9
Pharynx 146-149	10	1.1	3	0.4	13	0.7
Skin 172-173	20	2.3	7	0.8	27	1.5
Remaining Sites						
Remainder of 140-208	106	11.9	115	12.3	221	12.6
TOTAL	887	100%	858	100%	1745	100%

Accidents

Accidents, the fourth leading cause of resident death accounted for 320 deaths in 1980 and was the leading cause of death for persons aged 1 to 34 years. The 1980 state rate of 34.7 per 100,000 population was 16.2 percent lower than last year's rate of 41.4 and was also lower than the 1980 national rate of 47.0 by 26.2 percent.

A majority of accidental deaths involved motor vehicles, 183 or 57.2 percent. In these cases, a majority of the victims, 55.2 percent, were under 25 years of age and most were males, 74.9 percent (137). The median age at death for all motor vehicle accident fatalities was 23.6 years.

Non-motor vehicle accidents were responsible for 137 deaths, 42.8 percent of all accident related mortality. Accidental falls were the largest single source of non-motor vehicle accident deaths in 1980 as in 1979. They accounted for 44 deaths. Over-all, 77 males and 23 females died as a result of non-motor vehicle accidents and the difference between males and females in age at time of death was quite considerable. The male median age was 52.0 years whereas the female age median was 75.5 years.

See Table 20.

TABLE 20 Type of Resident Accidental Deaths By Sex, New Hampshire, 1980

Type of Accident	- SEX - Male No.	Female No.	M & F No.
Motor Vehicle	137	46	183
Falls	24	20	44
Fire & Flames	9	2	11
Drowning	8	2	10
Industrial	3	0	3
Poisoning	10	4	14
Air/Space transport	0	0	0
Asphyxia (Food/Object Inhalation	0	8	8
Firearms	2	1	3
Electrocution	1	0	1
All Other	26	17	43
TOTAL:	220	100	320

25 Selected Causes of Death

For the numbers of resident deaths for 25 selected causes, by county and by town, see Table 21 on the following pages.

TABLE 21 Number of Resident Deaths[1] for 25 Selected Causes of Death with ICD9 Code No.[2] by County & Selected Urban Locations, New Hampshire, 1980

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401, 403)	Cerebrovascular Disease (430-438)	Atherosclerosis (440)	Pneumonia & Influenza (480-487)	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer,Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553,560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney(590)	Maternal Causes(630-676)	Congenital Anomalies (740-759)	Conditions in Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions(780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E978) and Legal Intervention	All Other Causes
GRAND TOTAL:	7,594	2	2	21	1745	116	9	2871	36	621	168	251	252	34	30	120	61	8	0	54	71	39	183	137	100	17	646
BELKNAP COUNTY	410	0	0	1	93	3	0	167	3	32	12	21	6	4	2	6	3	0	0	2	3	3	2	6	3	1	37
Alton	30	0	0		9		0	12										0	0								3
Belmont	29	0	0		9		0	12				3						0	0								1
Gilford	30	0	0		9		0	14			4							0	0								0
Laconia-Lakeport	185	0	0		40		0	66		19		9	3			4		0	0					5			23
Meredith	47	0	0		8		0	25		3		3						0	0								2
Tilton	35	0	0		7		0	12		3								0	0								3
Remainder of County	54	0	0		11		0	26			1	1	1	1			1	0	0	1	1	.			1		5
CARROLL COUNTY	268	0	0	0	64	1	1	106	0	25	8	7	9	0	2	3	1	0	0	4	3	0	7	6	3	0	18
Conway	62	0	0	0	14			26	0	6		4		0				0	0			0	3			0	2
Ossipee	26	0	0	0	9			12	0			0		0				0	0			0	0			0	1
Wakefield	22	0	0	0	8			6	0			0		0				0	0			0	0			0	3
Wolfeboro	47	0	0	0	10			24	0	6		0		0				0	0			0	0			0	3
Remainder of County	111	0	0	0	23		1	38	0	9	5	3	9	0	1	1		0	0	1	2	0	4	2	3	0	9
CHESHIRE COUNTY	532	0	0	1	139	10	0	187	1	45	17	10	21	4	2	10	3	1	0	4	2	2	11	10	5	0	47
Chesterfield	16	0	0		6		0	4											0							0	3
Hinsdale	28	0	0		8		0	11											0							0	2
Jaffrey	48	0	0		6		0	18		11									0							0	2
Keene	211	0	0		57	6	0	73		14	8		8			5			0				5			0	23
Swanzey	33	0	0		7		0	10		5									0							0	5
Walpole	33	0	0		13		0	12		3									0							0	0
Winchester	28	0	0		9		0	9											0							0	1
Remainder of County	135	0	0	1	33	1	0	50		9	3	2	8	2		1	2		0				3	6	2	0	11
COOS COUNTY	344	1	1	0	78	6	0	133	1	17	10	11	15	1	1	4	3	2	0	1	2	1	6	11	5	0	34
Berlin	152			0	39	3	0	58		5	7	5	7						0					3	3	0	13
Colebrook	22			0	5		0	3			0								0							0	7
Gorham	27			0	6		0	13			0								0							0	2
Lancaster	25			0			0	13		3	0								0							0	3
Northumberland	26			0			0	12			0								0							0	3
Remainder of County	92			0	22	6	0	34		5	3	2	5			1	1	1	0	1		1	2	6		0	6

1. The data are presented so that no town number of less than three for a specific cause appears, to meet confidentiality requirements. Therefore, town numbers will not always sum to county totals nor will numbers for specific causes always sum to the town totals.

2. The nomenclature for the causes of death generally coincides with that appearing in the national reports of the National Center for Health Statistics.

TABLE 21 Number of Resident Deaths[1] for 25 Selected Causes of Death with ICD9 Code No.[2] by County & Selected Urban Locations, New Hampshire, 1980

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401,403)	Cerebrovascular Disease (430-438)	Atherosclerosis (440)	Pneumonia & Influenza (480-487	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer,Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553,560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney(590)	Maternal Causes(630-676)	Congenital Anomalies (740-759)	Conditions In Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions(780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E578)and Legal Intervention	All Other Causes
GRAFTON COUNTY	549	0	0	4	118	9	0	191	3	43	14	15	29	2	2	5	5	0	0	3	5	4	13	10	7	0	67
Ashland	18	0	0		6		0			3								0	0							0	3
Enfield	18	0	0		4		0											0	0							0	0
Hanover	43	0	0		6		0	15			4		3					0	0							0	10
Haverhill	49	0	0		13		0	18		4			4					0	0							0	3
Lebanon	97	0	0		21		0	37		9			4					0	0					4		0	11
Littleton	59	0	0		10		0	30		5								0	0							0	4
Plymouth	40	0	0		10		0	11					3					0	0							0	5
Remainder of County	225	0	0	2	48	4	0	70	2	18	5	9	13		1	2	2	0	0	3	2	1	6	2	4	0	31
HILLSBOROUGH COUNTY	2,230	0	0	6	506	38	6	813	10	206	59	76	65	15	11	38	20	2	0	16	30	17	47	36	26	3	184
Amherst	33	0	0		9			12		4									0								2
Antrim	12	0	0					4											0								2
Bedford	49	0	0		10			21		3	3								0								2
Goffstown	99	0	0		23			33		11	9	4							0					3			5
Hillsborough	30	0	0		8			7		5									0								1
Hollis	22	0	0		6			8											0								2
Hudson	88	0	0		23			26		7		9	3						0			3					7
Manchester	972	0	0		227	20	4	352	3	100	28	20	29	5	5	18	9		0	8	12	7	16	15	12		80
Merrimack	49	0	0		8			19		3									0				4				6
Milford	83	0	0		14			31		13	3	4							0								6
Nashua	515	0	0	3	109	7		199		40	7	22	22	4	3	9	6		0	3	9	4	15	4			43
Pelham	41	0	0					18				4							0								4
Peterborough	43	0	0		7			22		5									0								4
Weare	23	0	0		6			6											0								5
Wilton	37	0	0		9			10											0				3				2
Remainder of County	134	0	0		41	1		45	1	9	3	2	3	2		3	2		0		2		1	3	3		13
MERRIMACK COUNTY	863	0	0	0	194	14	1	353	5	63	18	22	31	2	4	11	6	2	0	6	5	2	25	13	13	1	72
Allenstown	32	0	0	0				10	0	3			6						0								2
Andover	9	0	0	0					0										0								0
Boscawen	20	0	0	0				11	0										0								2
Concord	379	0	0	0	83	5		167	4	28	9	8	15			3			0	3			4	4	4		35
Epsom	29	0	0	0	6			9	0										0				3				3
Franklin	104	0	0	0	20			51	0	6		3	3						0				3	4			9
Hooksett	35	0	0	0	11			13	0	4									0								1
Hopkinton	27	0	0	0	9			10	0	3									0								1
New London	35	0	0	0	8	3		14	0										0								3
Pembroke	31	0	0	0	12				0		3								0								0
Pittsfield	28	0	0	0	4			13	0	3									0								2
Remainder of County	134	0	0	0	35	2		44	1	11	2	4	1	1			1		0	1	3		7	2	4		14

TABLE 21 Number of Resident Deaths[1] for 25 Selected Causes of Death with ICD9 Code No.[2] by County & Selected Urban Locations, New Hampshire, 1980

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401,403)	Cerebrovascular Disease (430-438)	Atherosclerosis (440)	Pneumonia & Influenza (480-487)	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer,Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553,560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney(590)	Maternal Causes(630-676)	Congenital Anomalies (740-759)	Conditions In Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions(780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E978) and Legal Intervention	All Other Causes
ROCKINGHAM COUNTY	1,369	1	1	8	305	17	0	527	8	108	17	60	33	2	5	23	9	0	0	12	11	6	49	32	22	7	106
Derry	146				30		0	52		13		4	4			3		0	0			3	8	6			11
Epping	22						0	10										0	0								1
Exeter	112				19		0	42		11		7	3					0	0				3				16
Hampstead	25						0	13										0	0								0
Hampton	97				21	3	0	38		3	5	5						0	0								10
Londonderry	70				20		0	20		6		3	3					0	0				4				5
Newmarket	31				8		0	10				3						0	0								3
North Hampton	26				8		0	11										0	0								1
Plaistow	35				8		0	11		3		5						0	0								2
Portsmouth	200				39		0	88		15	3	9				6		0	0				4	3			18
Raymond	52				6		0	19		5		3						0	0		5			3			6
Rye	45				13		0	15		7						3		0	0								4
Salem	160				36		0	66		11		4	7					0	0	3	3		6	4	3		11
Seabrook	40				17		0	16										0	0								0
Windham	23				7		0	8										0	0								0
Remainder of County	285			1	68	5	0	108	2	24	6	14	5		3	2	3	0	0	1			10	6	7	2	18
STRAFFORD COUNTY	706	0	0	1	174	12	1	278	4	49	7	17	31	2	1	17	7	0	0	5	3	4	19	9	12	5	48
Barrington	19	0	0		5			8	0																		
Dover	197	0	0		44	3		85	0	14		8	8					0	0								1
Durham	32	0	0		13			5	0				4					0	0				4		3		19
Farmington	44	0	0		10			21	0	3								0	0								3
Rochester	243	0	0		55	5		97	4	18		5	9			7	3	0	0	3			8		5		12
Somersworth	91	0	1		25	3		32	0	4			3			4		0	0								7
Remainder of County	80	0	0	1	22			30	0	8			4			3		0	0		1	1	2	1	2		5
SULLIVAN COUNTY	323	0	0	0	74	6	0	116	1	33	6	12	12	2	0	3	4	1	0	1	7	0	4	4	4	0	33
Charlestown	37	0	0	0	11		0	9		3		5			0				0			0		0		0	5
Claremont	149	0	0	0	27	5	0	59		18	3	4	4		0		3		0			0		3	3	0	16
Newport	66	0	0	0	13		0	23		4			6		0				0		5	0		0		0	7
Sunapee	24	0	0	0	5		0	8		4					0				0			0		0		0	2
Remainder of County	47	0	0	0	18		0	17		4		2	1		0				0			0	1	1		0	3

- INFANT, NEONATAL AND FETAL MORTALITY -

Resident fetal, perinatal, neonatal and infant death rates all decreased in 1980 compared with 1979 rates and continued their long-term general declines. The largest decrease occurred in the fetal death rate which dropped from 8.0 to 4.8, down 41.3 percent. The perinatal mortality rate declined 21.7 percent, from 14.3 to 11.2. The neonatal death rate was down just slightly from 7.6 to 7.4 while the infant death rate decreased from 10.3 to 9.8, a decline of 4.9 percent. The 1980 infant mortality rate is 21.6 percent lower than the U.S. rate of 12.5.*

During 1980 infant deaths totaled to 135, three more than in 1979. 46.7 percent of these deaths occurred within the first day of life while 65.2 percent of all deaths took place at less than one week of age. All deaths under one month of age accounted for 75.6 percent of all infant mortality. The leading cause of infant death was "Certain Conditions Originating in the Perinatal Period" (ICD9 760-779) and it claimed 70 lives.

Neonatal deaths numbered 102, five more than in 1979 while perinatal deaths (fetal deaths plus deaths under seven days) totaled to 153, down by 30 from 1979. The perinatal mortality category, which is used to exclude most environmental and accidental causes of death, has shown very substantial declines in numbers over the past 28 years and 1980 continues this downward trend.

The number of reported fetal deaths in 1980 was 66 compared with 103 in 1979. The risk of fetal death was highest for younger and older mothers. For teenage mothers there were 8.8 fetal deaths per 1,000 deliveries and 22.1 such deaths per 1,000 deliveries for mothers aged 35 years and over. The leading cause of fetal death was "complications of placenta, cord and membranes" (ICD9-762.0-762.9) which accounted for 43.1 percent (28) of the 66 deaths. In 32 cases, the fetus was male and in 33 cases the fetus was female. In one case, the sex was not known.

TABLE 22 RESIDENT FETAL, EARLY NEONATAL, PERINATAL AND INFANT DEATH RATES,* BY COUNTY, NEW HAMPSHIRE, 1980

COUNTY	Fetal Deaths		Early Neonatal Death		Perinatal Deaths		Neonatal Deaths		Infant Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Belknap	2	2.9	2	2.9	4	5.8	3	4.3	5	7.2
Carroll	3	8.1	5	13.5	8	21.6	5	13.5	6	16.3
Cheshire	5	5.5	2	2.2	7	7.7	2	2.2	5	5.5
Coos	5	10.2	2	4.1	6	12.4	2	4.1	4	8.2
Grafton	7	7.8	5	5.6	12	13.5	7	7.8	12	13.5
Hillsborough	20	4.8	34	8.2	54	13.0	39	9.4	45	10.9
Merrimack	10	7.1	7	5.0	17	12.1	9	6.4	14	10.0
Rockingham	4	1.3	18	6.1	22	7.4	21	7.1	25	8.4
Strafford	8	6.0	5	3.8	13	9.8	6	4.5	10	7.5
Sullivan	2	3.9	8	15.5	10	19.4	8	15.5	9	17.5
STATE:	66	4.8	88	6.4	153	11.2	102	7.4	135	9.8

* Fetal death rate: number of fetal deaths per 1,000 live births plus fetal deaths in the specific county. All other rates are number per 1,000 live births in specific county.

* The U.S. white infant death rate which provides a more appropriate basis of comparison for New Hampshire is not available as of date of this report.

TABLE 23 NUMBER OF RESIDENT INFANT DEATHS BY SEX AND NUMBER ACCORDING TO AGE, BY COUNTY
NEW HAMPSHIRE, 1980

COUNTY	TOTAL	- SEX -		- AGE -											
		MALE	FEMALE	Under 1 Hr.	1-23 Hrs.	1 Day	2 Days	3 Days	4 Days	5-6 Days	7-13 Days	14-20 Days	21-27 Days	1 Mon.	2 Mon.	3-5 Mon.	6-11 Mon.
Belknap	5	2	3		2								1		1		1
Carroll	6	3	3		3				1	1						1	
Cheshire	5	3	2		2									2	1		
Coos	4	3	1	2										1		1	
Grafton	12	5	7		4		1				1	1		1		2	2
Hillsborough	45	27	18	11	13	4	2	2		2	3	2		2	2	2	
Merrimack	14	5	9	2	5						1	1		1	2	1	1
Rockingham	25	15	10	1	8	2	3	2	1	1	1	1	1	2	1		1
Strafford	10	8	2		3		1		1		1			2		2	
Sullivan	9	4	5	1	6		1										1
STATE:	135	75	60	17	46	6	8	4	3	4	7	5	2	11	7	9	6

TABLE 24 CAUSES OF RESIDENT INFANT DEATHS* BY SEX ACCORDING TO AGE, NEW HAMPSHIRE, 1980

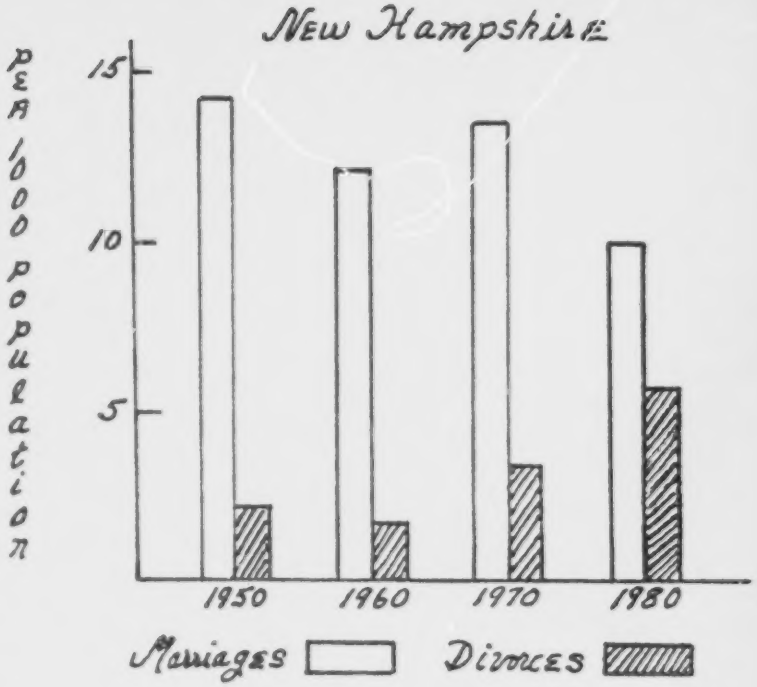
CAUSE OF DEATH WITH ICD9 No.	SEX	- AGE -						Total Under 1 Yr.
		Under 1 Hour	1-23 Hours	1-6 Days	7-27 Days	One Month	2-11 Months	
Pneumonia & Influenza (480-487)	M	0	1	0	0	0	0	1
	F	0	0	0	0	1	1	2
	M & F	0	1	0	0	1	1	3
Congenital Anomalies (740-759)	M	3	4	4	2	0	3	16
	F	4	2	4	3	1	1	15
	M & F	7	6	8	5	1	4	31
Disorders relating to short gestation & unspecified low birthweight (765)	M	1	5	0	1	0	0	7
	F	2	1	1	0	0	0	4
	M & F	3	6	1	1	0	0	11
Birth trauma (767)	M	1	1	1	0	0	0	3
	F	0	1	1	0	0	0	2
	M & F	1	2	2	0	0	0	5
Intrauterine hypoxia & birth asphyxia (768)	M	0	2	0	0	0	0	2
	F	0	0	0	1	0	0	1
	M & F	0	2	0	1	0	0	3
Respiratory distress syndrome (769)	M	0	5	3	2	0	0	10
	F	0	3	2	0	0	0	5
	M & F	0	8	5	2	0	0	15
Other conditions originating in the perinatal period (760-764,766,770-779)	M	5	11	1	1	1	0	19
	F	1	10	3	1	1	1	17
	M & F	6	21	4	2	2	1	36
Sudden Infant Death Syndrome (798.0)	M	0	0	0	0	4	2	6
	F	0	0	0	1	1	5	7
	M & F	0	0	0	1	5	7	13
All other causes (residual)	M	0	0	5	2	0	4	11
	F	0	0	0	0	2	5	7
	M & F	0	0	5	2	2	9	18
TOTAL:	M	10	29	14	8	5	9	75
	F	7	17	11	6	6	13	60
	M & F	17	46	25	14	11	22	135

* Cause of death classification and ICD9 codes comparable to those used in national vital statistics reports of the National Center for Health Statistics.

MARRIAGE AND DIVORCE*

Marriage

In 1980, 9,251 marriages took place in New Hampshire, 144 more than in 1979. The 1980 marriage rate of 10.0 per 1,000 population however, is 3.0 percent less than the 1979 rate of 10.3 and is below the national rate of 10.9. Since 1969 this is the eleventh year in a row that the state marriage rate has declined.



The 1980 median age at marriage for both grooms and brides increased very slightly from the previous year. For grooms median age was 26.0 years compared with 25.9 in 1979 while it was 23.6 years for brides as against 23.4 in 1979. For age distributions of brides and grooms see Table 25.

The education levels of persons marrying in 1980 were generally higher than those who married in 1979. For instance, 42.2 percent of 1980 grooms had completed high school whereas 41.8 percent were at this level in 1979. Similarly, the percentage of brides with four years of high school was higher than last year, 46.0 compared with 44.9 percent.

The percentages of marriages which were first marriages were up slightly from 1979. 66.3 percent of brides and 64.8 percent of grooms married for the first time in 1980. In 1979, the percentages were 65.8 for brides and 64.3 for grooms.

Divorce

1980 divorces totaled to 5,254, a reduction of 15 in the number compared with 1979. The divorce rate per 1,000 persons was 5.7, a 3.4 percent decrease from the 1979 level. The state rate remains higher than the national rate which was 5.3 for 1980 but reflects the first rate decline for New Hampshire divorces since 1959.

Half of all 1980 divorces took place after less than 7.2 years of marriage. In 1979, half had occurred after less than 6.5 years, an increase of 10.8 percent in the median duration of marriages ending in divorce.

For 1980, 95.4 percent (2,972) of 3,114 cases with minors could be considered open to a legal contest over custody of the children.** In the large majority of these cases, 87.1 percent, there was no such contest. Correspondingly, 12.9 percent included a custody contest, a higher percentage than 1979's figure of 10.9.

In 1980's uncontested child custody cases, the mother received custody most frequently, 76.4 percent, followed by mother-father jointly with 15.4 and the father at 6.1 percent. Compared with 1979, there was a decline in the percentage of awards to the mother: it had been 80.8 percent in no-contest cases.

* Includes legal separations and annulments

** Not all cases involving minor children can be considered subject to a contest over custody of the children. For example, some minors are children from a previous marriage and may be considered beyond jurisdiction by the decree granting court.

Where custody of minors was in contention in 1980 divorces (382 cases), the court awarded custody to the mother in 74.6 percent of the cases, representing a drop of 9.1 percentage points from 83.7 in 1979. This decline in awards to the mother was accompanied by a small increase in award to the father, 4.4 to 6.3 percent and a larger increase in joint mother-father custody arrangements, 5.2 to 13.4 percent.

See Table 28.

TABLE 25 AGE OF BRIDE BY AGE OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1980

AGE OF GROOM	TOTAL	13-17	18-19	20-21	22-23	24-25	26-27	28-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+
13 TO 17	41	25	13	3															
18 TO 19	599	125	334	91	28	10	5		3	1	1	1							
20 TO 21	1175	71	452	415	144	47	27	9	8	2									
22 TO 23	1372	41	273	437	406	121	42	28	18	4	1	1							
24 TO 25	1167	6	114	272	337	240	84	46	52	13	2	1							
26 TO 27	914	3	72	142	162	216	158	58	66	13	3	1							
28 TO 29	727	3	33	76	109	132	134	101	111	21	6	1							
30 TO 34	1197	2	32	61	122	175	196	163	316	108	23	4	3						
35 TO 39	719	1	9	17	47	60	81	90	212	140	45	11	4	2					
40 TO 44	410		4	8	18	20	21	37	91	100	73	26	8	2	1	1			
45 TO 49	280		2	1	3	6	13	15	42	61	71	39	18	7	2				
50 TO 54	214		1	1	1		1	10	16	42	45	54	26	12	3	1	1		
55 TO 59	169		1			1	1	1	10	20	23	38	41	22	9	2			
60 TO 64	106								3	3	9	14	23	18	27	8	1		
65 TO 69	70					1	2		1		3	4	4	16	12	22	3	1	1
70 TO 74	52										1	4	3	7	7	11	14	4	1
75 TO 79	23										3	1		1	4	5	3	4	2
80 TO 84	12												1	1		5	2	3	
85 TO 99	4												1		1		1	1	
TOTAL	9251	277	1340	1524	1397	1029	765	558	949	520	309	200	132	88	66	55	25	13	4

TABLE 26 EDUCATION OF BRIDE BY EDUCATION OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1980

LAST GRADE COMPLETED BY GROOM	TOTAL	UNDER 9 YEARS	HIGH SCHOOL				COLLEGE					
			1 YR.	2 YRS.	3 YRS.	4 YRS.	1 YR.	2 YRS.	3 YRS.	4 YRS.	OVER 4 YEARS	NOT STATED
8 YRS OR LESS	416	83	51	42	33	159	17	13	2	12	2	2
1 YR HIGH SCHOOL	290	18	42	47	35	120	15	8	1	2	2	
2 YRS HIGH SCHOOL	432	20	22	72	54	217	16	19	4	6	2	
3 YRS HIGH SCHOOL	466	21	29	60	74	226	20	16	8	10	2	
4 YRS HIGH SCHOOL	3905	72	110	214	266	2356	289	269	109	184	34	2
1 YR COLLEGE	625	7	7	16	26	295	106	78	26	49	14	1
2 YRS COLLEGE	911	7	10	20	27	375	120	156	59	108	27	2
3 YRS COLLEGE	310	4	3	12	7	99	32	44	30	62	17	
4 YRS COLLEGE	1219	6	4	3	10	282	103	182	80	445	104	
OVER 4 YRS	659	3	1	3	5	117	41	67	40	201	181	
NOT STATED	18		1		1	6	1			2		7
TOTAL	9251	241	280	489	538	4252	760	852	359	1081	385	14

TABLE 27 NUMBER OF MARRIAGE FOR BRIDE BY NUMBER OF MARRIAGE FOR GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1980

This Marriage For Grooms	BRIDES					
	TOTAL	FIRST	SECOND	THIRD	FOURTH	FIFTH OR MORE
First	5,991	5,043	857	82	9	
Second	2,734	991	1,482	223	28	10
Third	457	92	246	101	17	1
Fourth	54	9	22	15	6	2
Fifth	15	3	5	6		1
TOTAL:	9,251	6,138	2,612	427	60	14

TABLE 28 AWARD OF CUSTODY OF MINOR CHILDREN IN UNCONTESTED AND CONTESTED CASES OF CUSTODY, DIVORCE OCCURRENCES, NEW HAMPSHIRE, 1979-1980.

Custody Awarded to:	- UNCONTESTED AND CONTESTED CASES -							
	UNCONTESTED				CONTESTED			
	1979		1980		1979		1980	
	No.	%	No.	%	No.	%	No.	%
Mother	2269	80.8	1980	76.4	288	83.7	285	74.6
Father	167	5.9	159	6.1	15	4.4	24	6.3
Mother & Father Jointly	315	11.2	399	15.4	18	5.2	51	13.4
Split[1.]	21	0.7	44	1.7	11	3.2	13	3.4
Other	35	1.2	8	0.3	12	3.5	9	2.4
TOTAL:	2807[2.]	100%	2590[3.]	100%	344	100%	382	100%

1. Children divided between mother and father for custody.
2. Total 1979 cases considered open to contest of custody, 3,151.
3. Total 1980 cases considered open to contest of custody, 2,972.

TABLE 29 NUMBER OF DIVORCES AND NUMBER INVOLVING MINOR CHILDREN, WITH NUMBER OF MINORS, BY COUNTY,* NEW HAMPSHIRE, 1980

	- COUNTY -										
	Belk.	Carr.	Ches.	Coos	Graf.	Hills.	Merr.	Rock.	Straf.	Sull.	TOTAL:
All Divorces	253	134	374	171	316	1545	559	1204	504	194	5254
No. Divorces with Minors	154	82	213	116	187	930	317	686	306	123	3114
No. Minors	278	140	395	219	336	1759	559	1210	540	229	5665

* County of issuance of divorce decree

TABLE 30 CUMULATIVE FREQUENCY AND PERCENT, YEARS OF DURATION OF MARRIAGES ENDING IN DIVORCE,* NEW HAMPSHIRE, 1980

Duration of Marriage, in Years	No. Divorces	Cumulative Frequency	Cumulative %
Less than 1 year	27	27	0.5
1 yr.	300	327	6.2
2	436	763	14.5
3	419	1,182	22.5
4	426	1,608	30.6
5	413	2,021	38.5
6	363	2,384	45.4
7	326	2,710	51.6
8	284	2,994	57.0
9	258	3,252	61.9
10	227	3,479	66.2
11	219	3,698	70.4
12	174	3,872	73.7
13	154	4,026	76.6
14	141	4,167	79.3
15	103	4,270	81.3
16	106	4,376	83.3
17	81	4,457	84.8
18	81	4,538	86.4
19	63	4,601	87.6
20	85	4,686	89.2
21	67	4,753	90.5
22	61	4,814	91.6
23	55	4,869	92.7
24	61	4,930	93.8
25	48	4,978	94.7
26	35	5,013	95.4
27	39	5,052	96.2
28	32	5,084	96.8
29	24	5,108	97.2
30	30	5,138	97.8
31	22	5,160	98.2
32	18	5,178	98.6
33	17	5,195	98.9
34	20	5,215	99.3
35 & over	39	5,254	100.0

* Divorces = 5,203 divorce decrees, 36 legal separation and 15 annulments.

- APPENDIX -

DEFINITIONS

Birth Weight	Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).
Deliveries	Live births and fetal deaths.
Early Neonatal Death (or Hebdomadal death)	Death occurring to an individual less than seven days of age.
Fetal Death (reportable)	Death prior to the complete expulsion or extraction from the mother of a product of conception, having passed through at least the 20th week of gestation (the weight of which is 350 grams or more); the fetus shows no signs of life such as a beating heartbeat, pulsation of the umbilical cord, or definite movement of voluntary muscles.
Gestational Period	Number of weeks elapsed between the first day of the last menstrual period and date of delivery.
Out-of-Wedlock Birth	Birth wherein there is no marital tie between the mother and father.
Infant Death	Death occurring to an individual less than 1 year of age.
Late Neonatal Death	Death occurring between 7 and 28 days after birth.
Live Birth	A live birth is a complete expulsion or extraction from its mother a product of conception, irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or a definite movement of voluntary muscles.
Live-Birth Order	Order number is equal to number of previous live births plus current birth.
Low Birth Weight	Birth wherein the birth weight is equivalent to 2,500 grams or less (approximately 5 lbs, 8 oz.).
Maternal Death	Those deaths wherein the physician has designated a maternal condition as the underlying cause of death.
Neonatal Death	Death occurring to an infant less than 28 days of age.
Occurrence	Place where event actually occurred regardless of residence.
Perinatal Death	Fetal Death or a death under one week of age.
Race	Race of mother, father, or decedent is as stated on certificate.
Related Causes of Death	Condition other than the underlying cause of death which may have contributed to the death or was a non-contributory significant condition
Residence	Usual place of residence for person to whom event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence.

RATE FORMULAS

Age-Adjusted Death Rate = (Age-Specific Death Rates/X/Proportion of standard Population in Specific Age Group)

Age-Specific Birth Rate = $\frac{\text{No. of Resident Live Births for a Specific Age of Mother}}{\text{Tot. Female Population of Specific Age (Mid Year)}} \times 1{,}000$

Age-Specific Death Rate = $\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Tot. Resident Population in Specific Age Group}} \times 100{,}000$

Crude Unadjusted Birth Rate = $\frac{\text{No. of Resident Live Births}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

Crude Unadjusted Death Rate = $\frac{\text{No. of Resident Deaths}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

Divorce Rate = $\frac{\text{No. of Divorces, Annulments, Leg. Separations}}{\text{Tot. Resident Population (Mid-Year)}} \times 1{,}000$

Early Neonatal Death (or Hebdomadal Death) Rate = $\frac{\text{No. of Early Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Fertility Rate = $\frac{\text{No. of Resident Live Births}}{\text{Tot. Resident Female Population (15-44)}} \times 1{,}000$

Fetal Death Rate = $\frac{\text{No. of Resident Fetal Deaths}}{\text{No. of Res. Live Births \& Res. Fetal Deaths}} \times 1{,}000$

Out-of-Wedlock Birth Rate = $\frac{\text{No. of Out-of-Wedlock Births}}{\text{Total Resident Live Births}} \times 1{,}000$

Infant Death Rate = $\frac{\text{No. of Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Low-weight Birth Rate = $\frac{\text{No. of Live Births (2500 grams or less}}{\text{Total Resident Live Births}} \times 1{,}000$

Marriage Rate = $\frac{\text{No. of Marriages}}{\text{Tot. Resident Population (Mid-Year)}} \times 1{,}000$

Maternal Death Rate = $\frac{\text{No. of Maternal Deaths}}{\text{Total Resident Live Births}} \times 10{,}000$

Neonatal Death Rate = $\frac{\text{No. of Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Perinatal Death Rate = $\frac{\text{No. of Perinatal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

INDEX

ACCIDENTAL DEATHS - 23

- Non-Motor Vehicle - 23
- Motor Vehicle - 23

BIRTHS (Natality) - 11

- Age of Mother - 11
- Anomalies - 14, 15, 16, 17
- County/Town, Resident - 7,8,9,10
- Home - 13
- Hospital - 13,14,15,16,17,18
- Hospital Statistics - 18
- Low Weight - 12
- Rates - 11
- Teenage Mother - 11, 12, 13

CANCER DEATHS - 22

- Sex - 22
- Site - 22
- Rates - 22

CAUSE OF DEATH - 19

- Accidents - 23
- Cancer - 22
- Cerebrovascular Disease - 21
- Heart Disease - 21
- Leading Causes - 19
  - Age and Sex - 20
  - All Deaths - 20
  - Infant Deaths - 28
- Selected Causes (25) - 24,25,26

COUNTY DATA - see below

- Births, Resident - 7,8,9,10
- Births by Selected Characteristics- 14, 15, 16
- Cancer Death Rates - 22
- Deaths, Resident - 7,8,9,10
- Divorce - 7, 8, 9, 10
- Early Neonatal Deaths - 27
- Fetal Deaths - 27
- Heart Disease Death Rates - 21
- Infant Deaths - 27
- Low Birth Weight Rates - 12
- Marriage - 7, 8, 9, 10
- Neonatal Deaths - 27
- Perinatal Deaths - 27
- Population - 7, 8, 9, 10
- Selected Causes of Death(25) - 24,25,26

DEATHS - 19

- Accidental - 23
- Cancer - 22
- County/Town Resident - 7, 8, 9, 10
- Early Neonatal - 27
- Fetal - 27

DEATHS (Continued)

- Heart Disease - 21
- Infant - 3927
- Leading Causes - 19
  - In age groups - 20
  - Statewide - 20
- Neonatal - 27
- Rate - 20, 21
- Selected Causes (25) - 24, 25, 26

DEFINITIONS - 33

DEMOGRAPHY - 5

DIVORCE - 29

- Minor Children - 31

EARLY NEONATAL DEATHS - 27

FETAL DEATHS - 27

HEART DISEASE DEATHS - 21

HOME BIRTHS - 13

INFANT DEATHS - 28

MARRIAGES - 29

- Age - 30
- Education - 30

NATALITY - See Births - 11

NEONATAL DEATHS - 27

POPULATION - 7, 8, 9, 10

RATE - 34

SUMMARY STATISTICS - 3

TOWN DATA - see below

- Births, Resident - 7, 8, 9, 10
- Births & Selected Characteristics - 14, 15, 16, 17
- Causes of Death (25) - 24, 25, 26
- Deaths - 7, 8, 9, 10
- Marriages - 7, 8, 9, 10
- Population - 7, 8, 9, 10

TRENDS - 2